

Technical proposal

JetAdvantage Link SDK Style Guideline

V 1.00
May 08, 2018



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1 Introduction

JetAdvantage Link SDK for Device extends the mobile platform into our HP devices, where users will launch and use your apps on the device's control panel. This style guide provides an easy-to-use design guide to make your Link apps for HP printers more consistent and stylish.

Your Link apps will run on the below HP control panels.

Table 1 Supported Control Panels

Physical Panel Width	Resolution (WxH px)
8 inch	1024x768
8 inch	800x600

This guideline is based on 1024×768 resolution, but the overall guideline numbers are used in dp(density-independent pixels) unit.

When a user runs your apps on a HP device, the device displays a screen containing a notification bar, application area, and system bar.

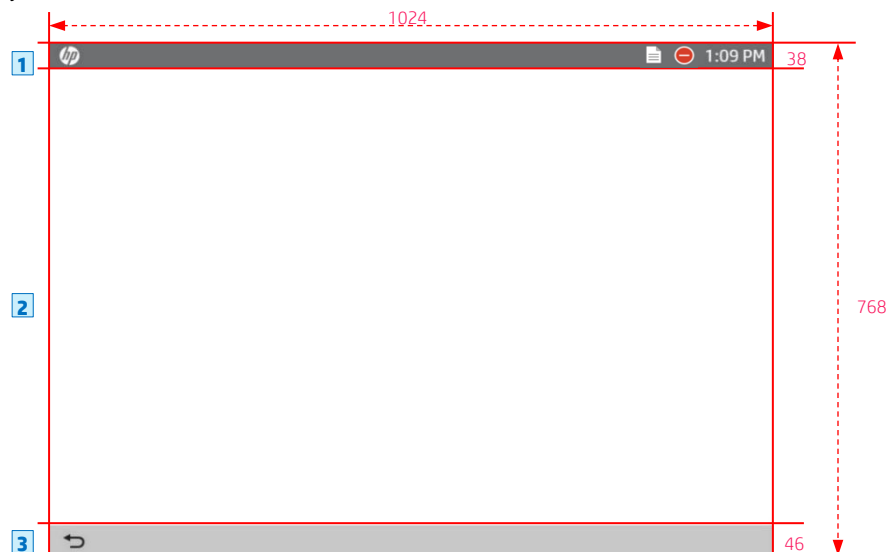


Figure 1 Display Screen

Table 2 Display Description

	Name	Description
1	Notification bar	Active Jobs icon, Error/Warning/Message icon, and Clock display
2	Application area	Link app's page
3	System bar	Back button

2 Font

2.1 Typeface

HP Simplified is the primary font used in HP printers. This is used throughout the HP printers for keeping consistency and helping with legibility.

HP Simplified Regular	REGULAR
HP Simplified Light	LIGHT
HP Simplified Bold	BOLD
<i>HP Simplified Italic</i>	ITALIC
<i>HP Simplified Light Italic</i>	LIGHT ITALIC
<i>HP Simplified Bold Italic</i>	BOLD ITALIC

Figure 2 Recommended Typeface

2.2 Text String

It is helpful to follow the string rules below when displaying text in the screen. Basically, all text should be visible. If you can not show all the text, you can mark it as fade out or ellipsis, but in this case it is better to provide another way for users to see the full text.

Case1: Multiline

If all contents need to be displayed to users, or text space can be controlled, use multiline string.

**Lorem ipsum dolor sit amet,
consectetur adipiscing elit, sed diam
nonummy nibh**

Case2: Small text

If all contents need to be displayed to users, but text space is limited, use multiline string.

**Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed
dia**

Case3: Fade out

If text space is limited in 1-2 line space, or text is displayed in tables, use fade out.

Lorem ipsum dolor sit amet, consectetur

Case4: Ellipsis

If fade out can not be applicable, or text is limited in 1-2 line space, use ellipsis.

**Lorem ipsum dolor sit amet,
consectetue...**

2.3 Text Size

Below table represents the recommended font size of the Link apps on HP devices.

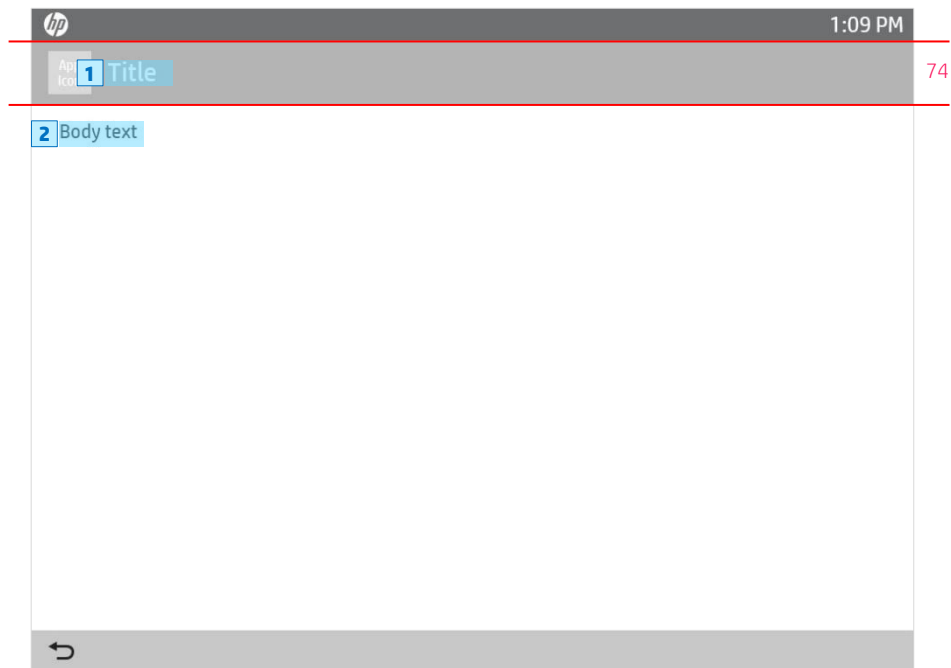


Figure 3 Text Area on the Main Screen

Table 3 Text Size of Screen

	Name	Style	Size (sp)	Align	Color
1	Title text	HP Simplified	31 sp	Left	255,255,255
2	Body text	HP Simplified	23 sp	Left	34,34,34

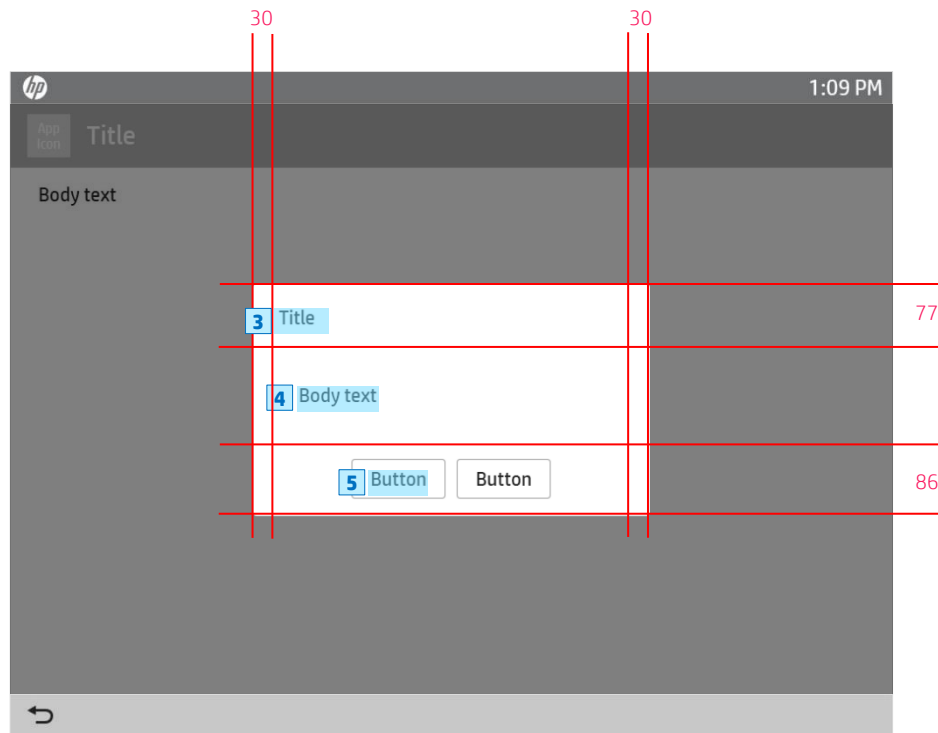


Figure 4 Text Area on the Dialog

Table 4 Text Size of Dialog

	Name	Style	Size (sp)	Align	Color
3	Dialog title	HP Simplified	23 sp	Left	34,34,34
4	Dialog body	HP Simplified	23 sp	Left	34,34,34
5	Dialog button	HP Simplified	23 sp	Center	34,34,34

3 Icon

3.1 App Icon

The appropriate launcher app icon size to be used depends on the resolution of the HP printers.

App Icons on the Home Screen

Table 5 Icon Size

Physical Panel Width	Resolution (WxH px)	HP Icon Size Category	Icon Size(WxH px)
8 inch	1024 x 768	xl	179 x 179
8 inch	800 x 600	lg	140 x 140



Figure 5 App Icons

3.2 Position & Size

The app icons will be displayed in different sizes on HP printers' Home, App Gallery, or App Center.

App Icons (8 inch)

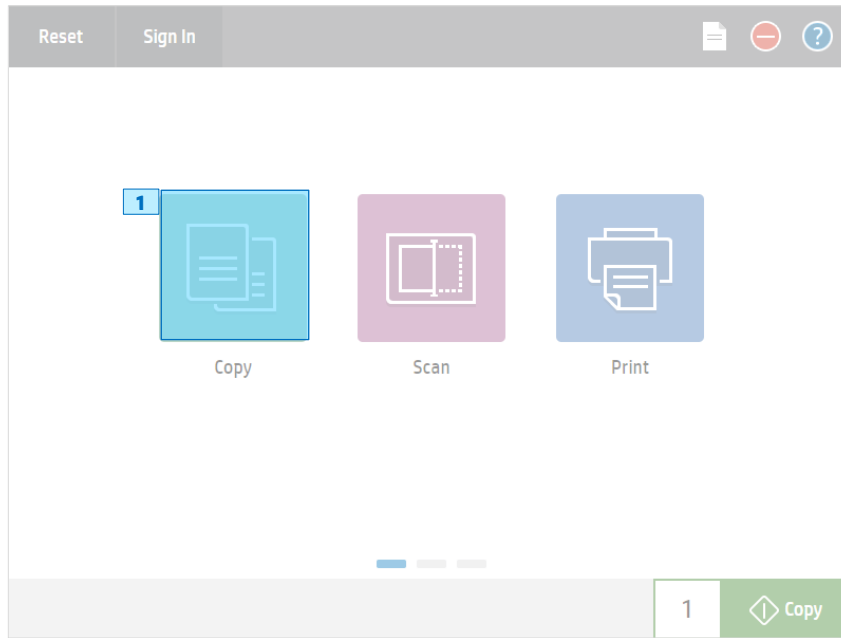


Figure 6 App Icons on the Home(8 inch)

Table 6 App Icons Size I

	Position	Size(px)
1	App icon on the Home (8")	179 x 179 (140 x 140)

App Icons for App Gallery (8 inch)

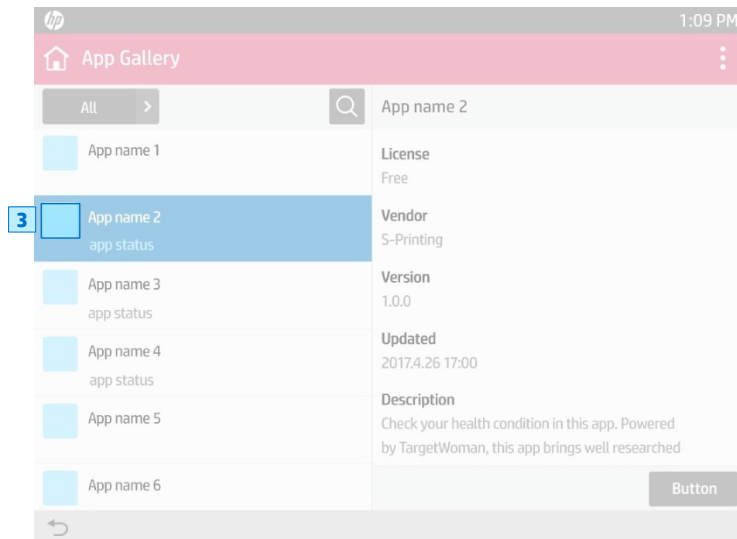


Figure 7 App Icons for App Gallery (8 inch)

App Icon for App Center(Web)

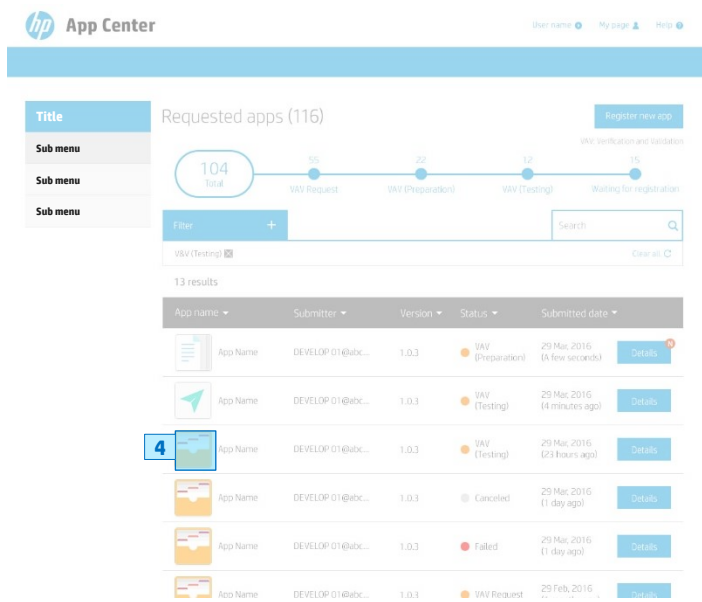


Figure 8 App Icons for App Center(Web)

Table 7 App Icons Size II

	Icon	Size(px)
3	App Gallery (8")	50 x 50 (39 x 39)
4	App Center	62 x 62

The app icons can also be placed on the other places such as App bar, Launching page, etc. It could make your users recognize your brand more.

App Icon on the App Bar (8 inch)

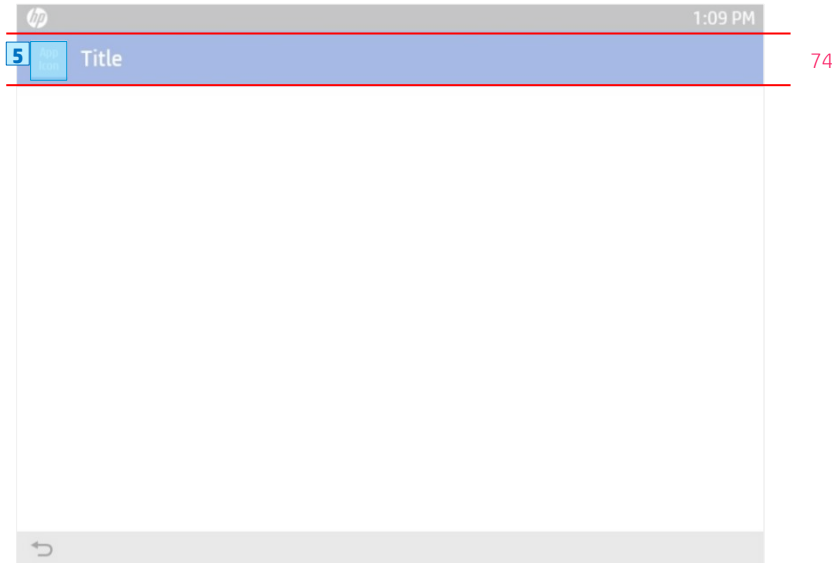


Figure 9 App Icons on the App Bar (8 inch)

Logo on the Launch Screen (8 inch)

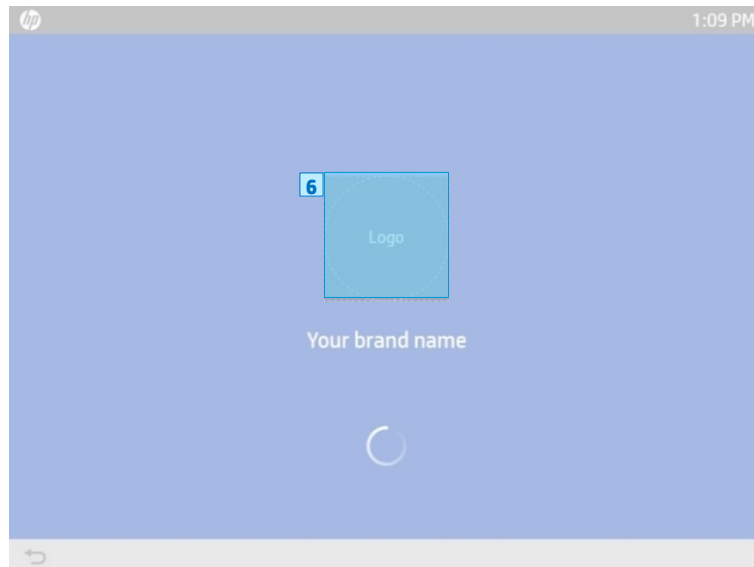


Figure 10 Logo on the Launch Screen (8 inch)

Table 8 App Icons Size III

	Icon	Size(px)
5	App icon on the app bar(8")	50 x 50 (39 x 39)
6	Logo on the launcher screen(8")	170 x 170 (140 x 140)

4 Theme

4.1 Overview

When developing Link apps for HP devices, you might need to use your own brand color. Or you may need to choose a color as your primary color. This style guideline provides component sets in 11 colors, so it would help you create your own color theme with your branding color. If the color you choose belongs to the below color ranges, you can easily find one of the component sets which matches well with your color. It could help you to effectively express your branding in your Link apps.

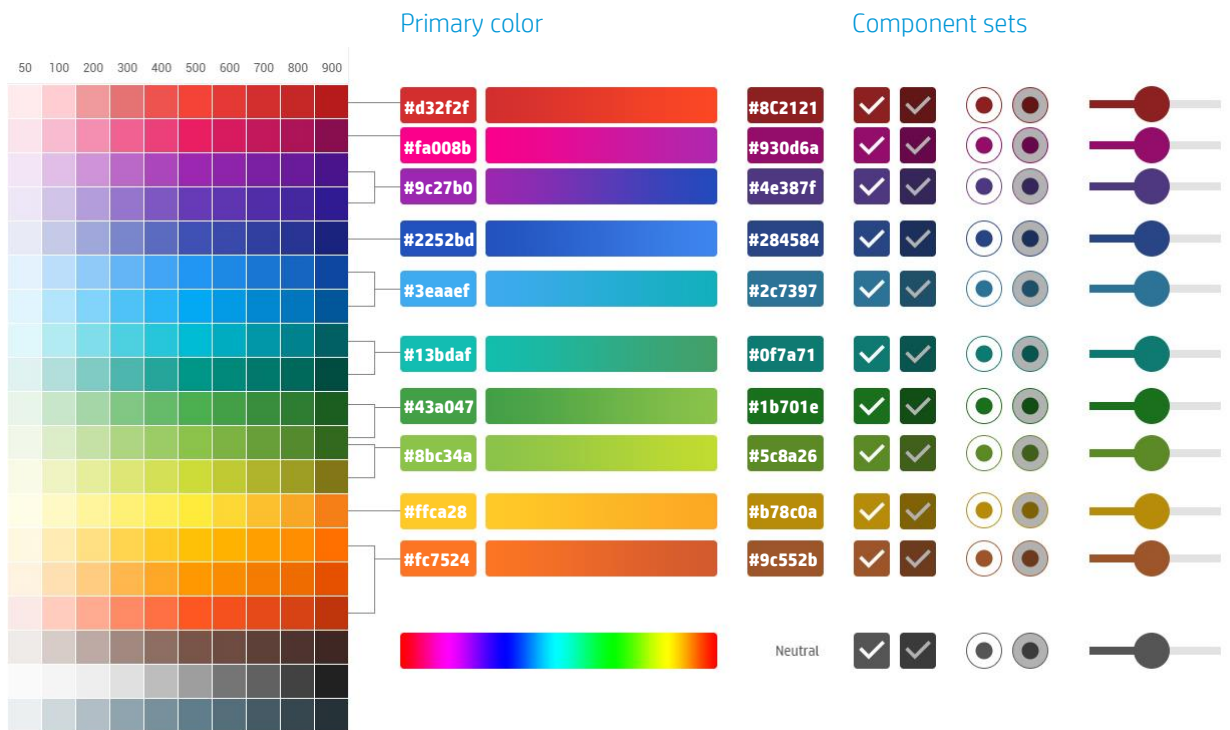


Figure 11 Color Theme

4.2 Components

A component set consists of the following items: Radio button, Checkbox, Switch, Progress, Input box, and Button. From the folders distributed along, you can choose any component sets appropriately to create your own color theme to matching your branding.

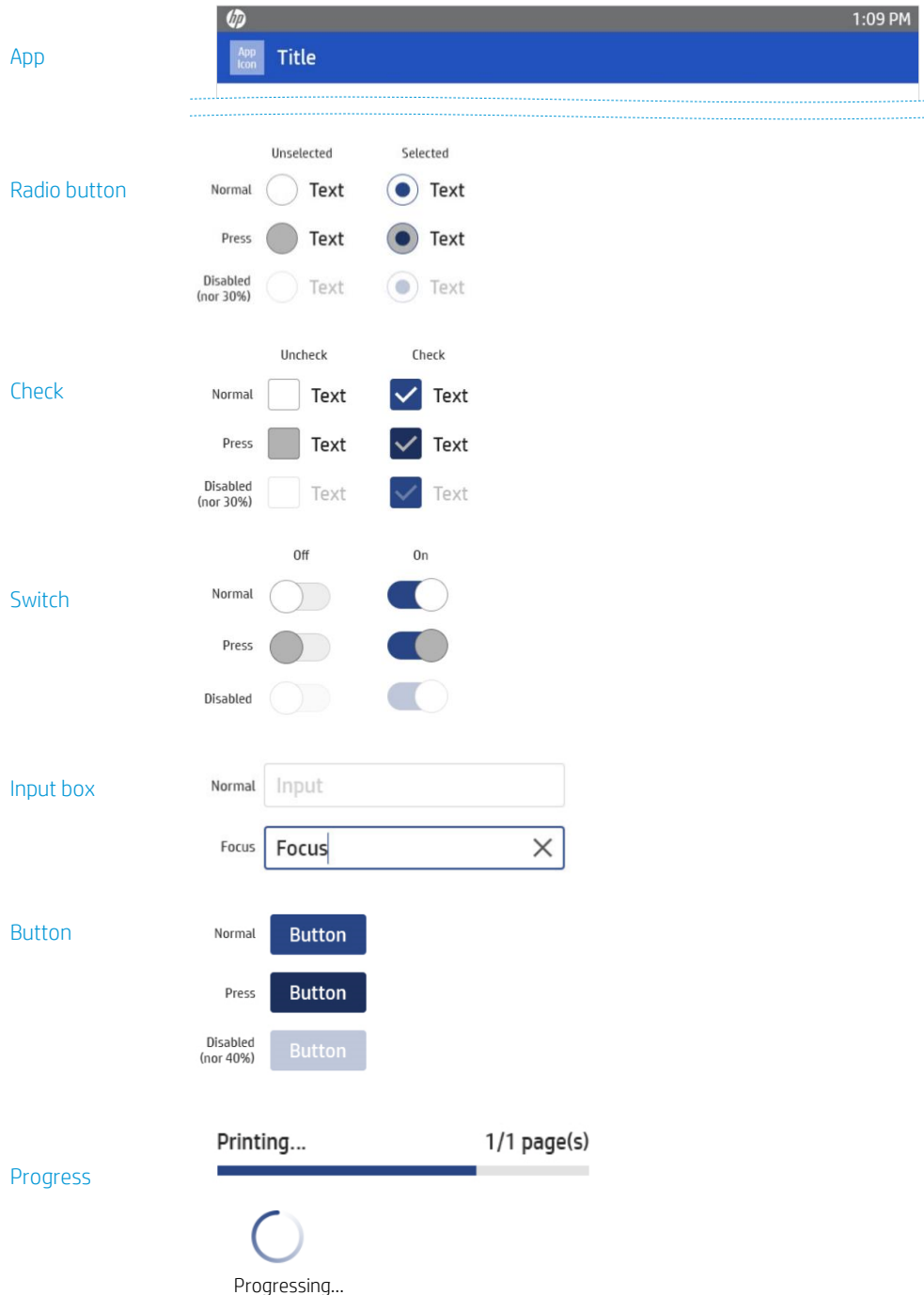


Figure 13 Component Set

4.3 Example

Below is an example. When choosing a red color as your primary color, the corresponding component set can be applied to create consistent color theme.

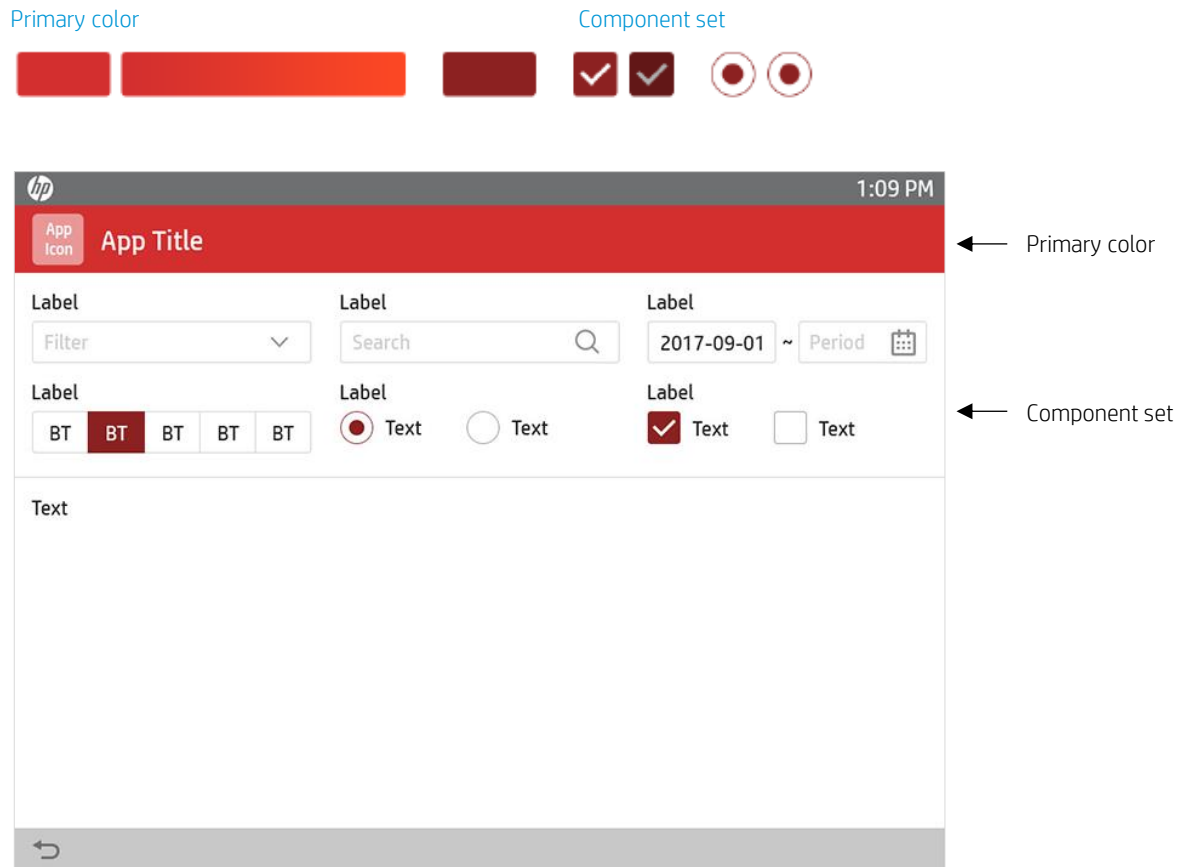


Figure 13 Example