

# Converting Colors

Android(4285864780)

Have a look what the booklet for  
Android(4285864780) contains.

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# Color

**Android(4285864780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	751B4C
RGB	117, 27, 76
RGB Percent	46%, 11%, 30%
CMY	0.5412, 0.8941, 0.7020
CMYK	0.00, 0.77, 0.35, 0.54
HSL	327°, 62%, 28%
HSV	327°, 77%, 46%
XYZ	9.0326, 5.0876, 7.3434
YIQ	59.4960, 37.9110, 34.3190

# Conversions

## Conversions Part 2

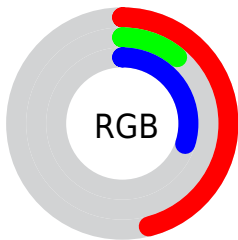
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 27, 76
Decimal	7674700
CIE Lab	26.98, 42.90, -7.30
CIE LCh	27, 43.517, 350.341
Yxy	5.0876, 0.4208, 0.2370
Android (android.graphics.Color)	4285864780 (0xFF751B4C)
YUV	59.4960, 8.1365, 50.4310
Hunter-Lab	22.5557, 32.0091, -3.5140

# Details

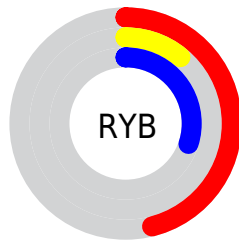
The Android color **4285864780** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **4279989572**, and the grayscale version is **4282071867**.

A 20% lighter version of the original color is **4289482877**, and **4282384416** is the 20% darker color. If you saturate the color by 10%, you get **4285861703**, and if you desaturate by 10%, it is **4285867857**.

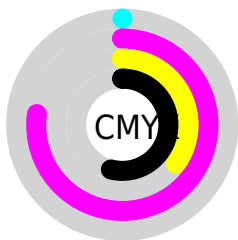
# Distribution



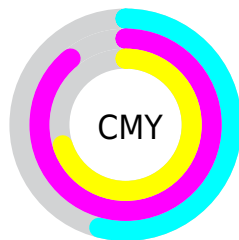
- Red (46%)
- Green (11%)
- Blue (30%)



- Red (46%)
- Yellow (11%)
- Blue (30%)



- Cyan (0%)
- Magenta (77%)
- Yellow (35%)
- Black (54%)



- Cyan (54%)
- Magenta (89%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285864780 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4285864780 by changing the saturation by 10% instead.



 4285864780


 4285864780

4294967295

 4284088373

 4289482877

 4282384416

 4291390103

 4280942598

 4293297329

 4278190080

 4294942925

 4294949865

 4294957311

 4294964735

 4285864780

 4285864780

■ 4285861703

■ 4285867857

■ 4285858881

■ 4285870679

■ 4285857856

■ 4285873756

■ 4285876833

■ 4285879911

■ 4285882732

■ 4285885809

■ 4285888887

■ 4285891708

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4284230507



4285864780



4286127147

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4285864780



4281943296



4278209907

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4285864780



4279989572

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278210390



4285864780



4278471441

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4285864780



4283972096



4278210100



4278208386

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4285864780



4285736470



4278210100



4278210154



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4285864780



4288247433



4282653557



4283250499



4291611852



4283256141



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4285864780



4288220249



4285864735



4282070328



4286185539



4294574216



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4285864780



4288220249



4279989616



4282070328



4286185539

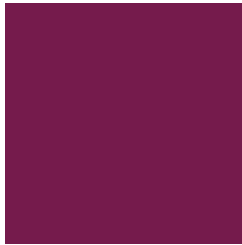


4294574216



# Previews

## White Background



This preview shows how the Android color 4285864780 looks on a white background.

## Color Contrast Check

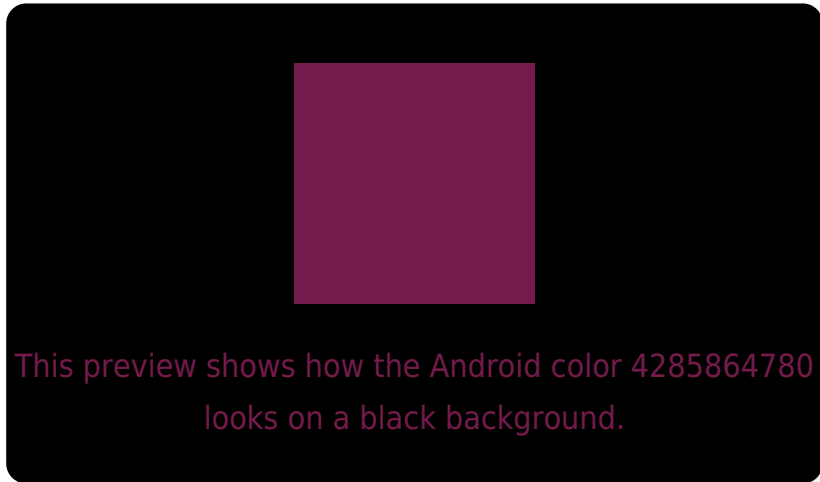
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

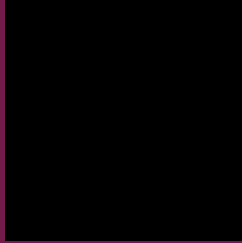
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285864780 Background



This preview shows how black text looks on a background with the Android color 4285864780.



This preview shows how white text looks on a background with the Android color 4285864780.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

4285864780

**Protanopia**

4281614437

**Deuteranopia**

4282728519



# Trichromacy



**Original Color**  
4285864780

**Protanomaly**  
4283183964

**Deuteranomaly**  
4283839305

**Tritanomaly**  
4285801013

# Monochromacy



**Original Color**  
4285864780

**Achromatopsia**  
4282071867

**Achromatomaly**  
4283445057

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285864780 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(117, 27, 76)` looks like.

```
.text, #text, p{  
    color:rgb(117, 27, 76)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(117, 27, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 27, 76) }
```

## Border

The CSS property to change the border of an element to Android 4285864780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 27, 76) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(117, 27, 76) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(117, 27, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 27, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 27, 76);  
box-shadow:4px 4px 4px 4px rgb(117, 27,  
76) }
```

# Background

The CSS property to change the background color of an element to Android 4285864780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 27, 76) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(117, 27,  
76) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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