

# Converting Colors

Android(4280884752)

Have a look what the booklet for  
Android(4280884752) contains.

<b>Android(4280884752)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4280884752)**

# Conversions

## Conversions Part 1

Format	Color
Hex	291E10
RGB	41, 30, 16
RGB Percent	16%, 12%, 6%
CMY	0.8392, 0.8824, 0.9373
CMYK	0.00, 0.27, 0.61, 0.84
HSL	34°, 44%, 11%
HSV	34°, 61%, 16%
XYZ	1.4723, 1.4374, 0.6901
YIQ	31.6930, 11.0500, -2.0220

# Conversions

## Conversions Part 2

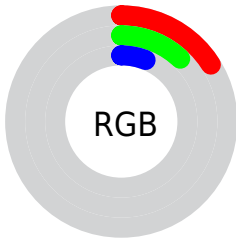
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	36, 41, 16
Decimal	2694672
CIE <sub>Lab</sub>	12.20, 3.07, 11.17
CIE <sub>LCh</sub>	12, 11.585, 74.643
Yxy	1.4374, 0.4090, 0.3993
Android (android.graphics.Color)	4280884752 (0xFF291E10)
YUV	31.6930, -7.7366, 8.1622
Hunter-Lab	11.9891, 0.9389, 4.9798

# Details

The Android color **4280884752** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4279245609**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4283910714**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280884236**, and if you desaturate by 10%, it is **4280885268**.

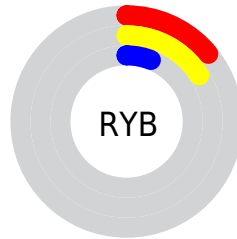
# Distribution



Red (16%)

Green (12%)

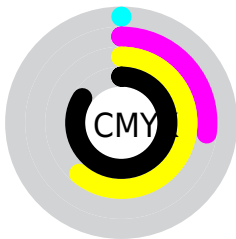
Blue (6%)



Red (14%)

Yellow (16%)

Blue (6%)

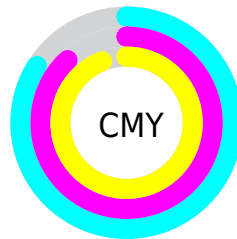


Cyan (0%)

Magenta (27%)

Yellow (61%)

Black (84%)



Cyan (84%)

Magenta (88%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280884752 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 4280884752 by changing the saturation by 10% instead.



 4280884752

 4280884752

 4294967280

 4279371008

 4283910714

 4278190080

 4285555025

 4287199850

 4288976003

 4290752157

 4292594360

 4294502099

 4280884752

 4280884752

■ 4280884236

■ 4280885268

■ 4280883720

■ 4280885784

■ 4280883460

■ 4280886044

■ 4280882944

■ 4280886560

■ 4280887077

■ 4280887593

■ 4280888109

■ 4280888369

■ 4280888885

# Harmonies

## Analogous

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



4281211669



4280884752



4280426768

# Triad

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



4280884752



4278592548



4280687659

# Complementary

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



4280884752



4279245609

# 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.



4279967535



4280884752



4278461483

# Square

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



4280884752



4279182363



4279116335



4281145892

# Rectangle

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



4280884752



4280033810



4279116335



4280491309



# Sweetspot

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



4280884752



4281741612



4280881179



4280031510



4288453788



4280032284



# Same Dimension

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



4280884752



4281738254



4280822032



4279505938



4283707136



4292114176



# Inverse Universe

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



4279245609



4279115830



4279308329



4279374612



4278199636

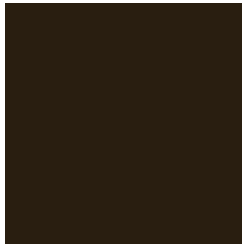


4278214100



# Previews

## White Background



This preview shows how the Android color 4280884752 looks on a white background.

## Color Contrast Check

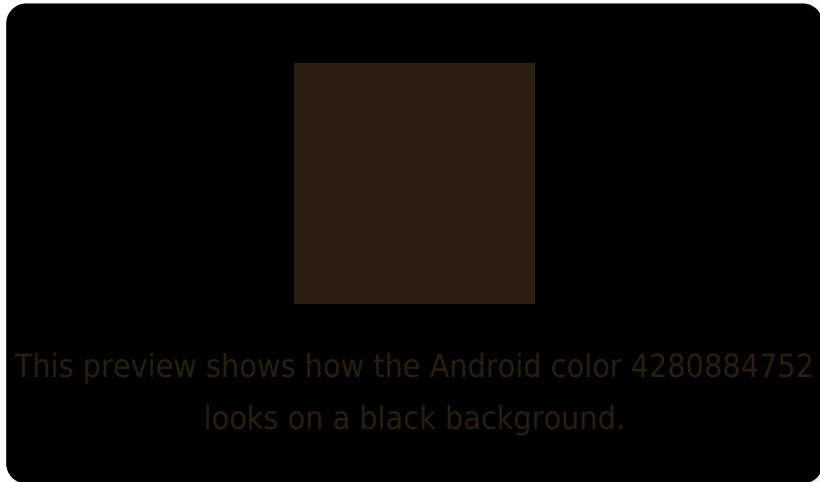
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280884752 Background



This preview shows how black text looks on a background with the Android color 4280884752.

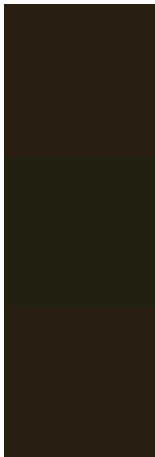


This preview shows how white text looks on a background with the Android color 4280884752.

# 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](#).

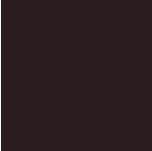
## Dichromacy



**Original Color**  
4280884752

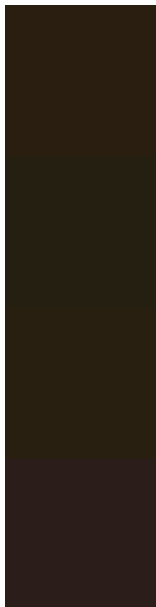
**Protanopia**  
4280492049

**Deuteranopia**  
4280819472



**Tritanopia**  
4280949791

# Trichromacy



**Original Color**

4280884752

**Protanomaly**

4280622865

**Deuteranomaly**

4280819472

**Tritanomaly**

4280950042

# Monochromacy



**Original Color**

4280884752

**Achromatopsia**

4280295456

**Achromatomaly**

4280491802

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280884752 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(41, 30, 16)` looks like.

```
.text, #text, p{  
    color:rgb(41, 30, 16)  
}
```

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(41, 30, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 30, 16) }
```

## Border

The CSS property to change the border of an element to Android 4280884752 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(41, 30, 16) }
```

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

```
.border{ border-color:rgb(41, 30, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 30, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 30, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 30, 16);  
box-shadow:4px 4px 4px 4px rgb(41, 30, 16)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280884752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 30, 16) }
```

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

```
.background{ background-color: rgb(41, 30,  
16) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor