

# Converting Colors

Android(4284027148)

Have a look what the booklet for  
Android(4284027148) contains.

<b>Android(4284027148)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4284027148)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	59110C
RGB	89, 17, 12
RGB Percent	35%, 7%, 5%
CMY	0.6510, 0.9333, 0.9529
CMYK	0.00, 0.81, 0.87, 0.65
HSL	4°, 76%, 20%
HSV	4°, 87%, 35%
XYZ	4.3866, 2.5513, 0.6091
YIQ	37.9580, 44.5170, 13.7090

# Conversions

## Conversions Part 2

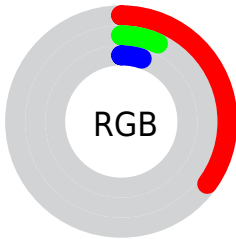
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 17, 12
Decimal	5837068
CIELab	18.15, 32.16, 22.58
CIELCh	18, 39.292, 35.076
Yxy	2.5513, 0.5812, 0.3381
Android (android.graphics.Color)	4284027148 (0xFF59110C)
YUV	37.9580, -12.7973, 44.7638
Hunter-Lab	15.9728, 21.0695, 8.9201

# Details

The Android color **4284027148** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **4278998105**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4287709751**, and **4280680449** is the 20% darker color. If you saturate the color by 10%, you get **4284025091**, and if you desaturate by 10%, it is **4284029205**.

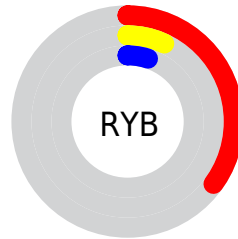
# Distribution



Red (35%)

Green (7%)

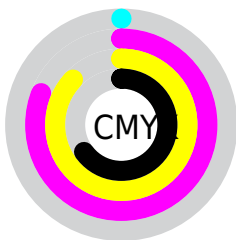
Blue (5%)



Red (35%)

Yellow (7%)

Blue (5%)

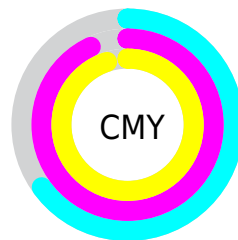


Cyan (0%)

Magenta (81%)

Yellow (87%)

Black (65%)



Cyan (65%)

Magenta (93%)

Yellow (95%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4284027148 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 4284027148 by changing the saturation by 10% instead.



 4284027148

 4284027148

 4294967020

 4282253312

 4287709751

 4280680449

 4289551182

 4278190080

 4291458150

 4293431167

 4294945433

 4294952372

 4294959568

 4284027148

 4284027148

■ 4284025091

■ 4284029205

■ 4284024320

■ 4284031518

■ 4284033575

■ 4284035632

■ 4284037945

■ 4284040001

■ 4284042058

■ 4284044371

■ 4284046428

# Harmonies

## Analogous

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



4284285993



4284027148



4283048192

# Triad

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



4284027148



4278204179



4278202214

# Complementary

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



4284027148



4278998105

# 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.



4278203744



4284027148



4278204465

# Square

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



4284027148



4279710464



4278204492



4281410139

# Rectangle

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



4284027148



4282132992



4278204492



4278202726



# Sweetspot

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



4284027148



4285749077



4284025941



4282067496



4290427578



4282071867



# Same Dimension

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



4284027148



4285728512



4284036620



4281018151



4285204224



4293594880



# Inverse Universe

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



4278998105



4278217587



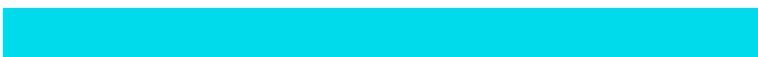
4278988633



4280757035



4278215787

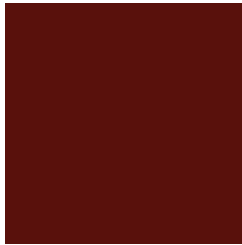


4278246379



# Previews

## White Background



This preview shows how the Android color 4284027148 looks on a white background.

## Color Contrast Check

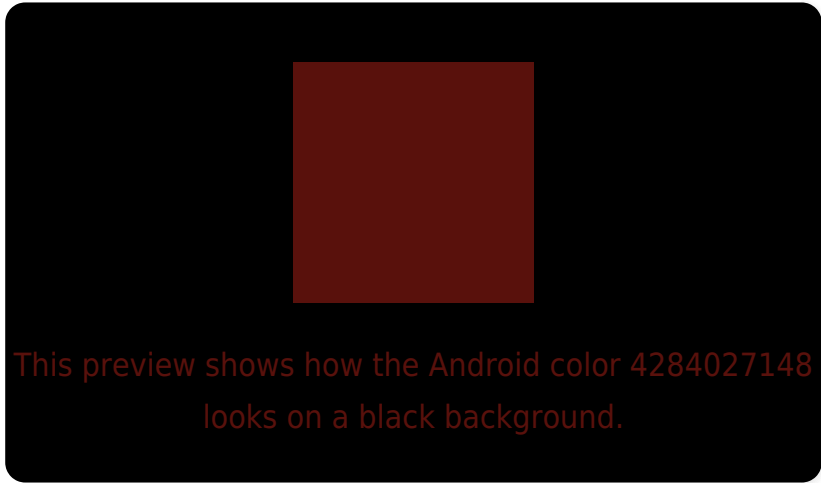
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284027148 Background



This preview shows how black text looks on a background with the Android color 4284027148.

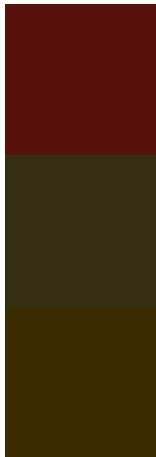


This preview shows how white text looks on a background with the Android color 4284027148.

# 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**  
4284027148

**Protanopia**  
4281610003

**Deuteranopia**  
4282067968



# Trichromacy



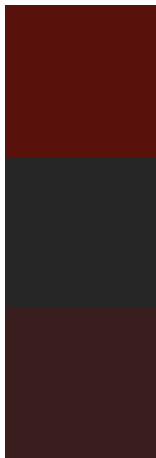
**Original Color**  
4284027148

**Protanomaly**  
4282459152

**Deuteranomaly**  
4282786308

**Tritanomaly**  
4284026895

# Monochromacy



**Original Color**  
4284027148

**Achromatopsia**  
4280690214

**Achromatomaly**  
4281933341

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284027148 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(89, 17, 12)` looks like.

```
.text, #text, p{  
    color:rgb(89, 17, 12)  
}
```

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(89, 17, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 17, 12) }
```

## Border

The CSS property to change the border of an element to Android 4284027148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

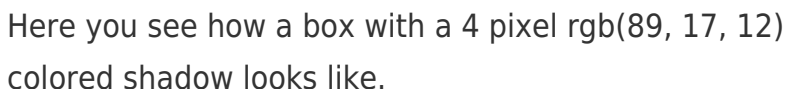
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(89, 17, 12) }
```

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

```
.border{ border-color:rgb(89, 17, 12) }
```

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



Here you see how a box with a 4 pixel `rgb(89, 17, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 17, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 17, 12);  
box-shadow:4px 4px 4px 4px rgb(89, 17, 12)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284027148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 17, 12) }
```

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

```
.background{ background-color: rgb(89, 17,  
12) }
```

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