

# Converting Colors

Android(4289860117)

Have a look what the booklet for  
Android(4289860117) contains.

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# Color

**Android(4289860117)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B21215</a>
RGB	<a href="#">178, 18, 21</a>
RGB Percent	<a href="#">70%, 7%, 8%</a>
CMY	<a href="#">0.3020, 0.9294, 0.9176</a>
CMYK	<a href="#">0.00, 0.90, 0.88, 0.30</a>
HSL	<a href="#">359°, 82%, 38%</a>
HSV	<a href="#">359°, 90%, 70%</a>
XYZ	<a href="#">18.7118, 9.9517, 1.6441</a>
YIQ	<a href="#">66.1820, 94.3970, 34.8530</a>

# Conversions

## Conversions Part 2

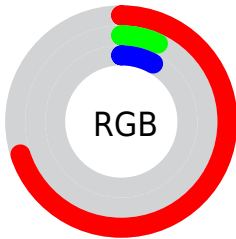
Format	Color
<a href="#">RYB</a>	<a href="#">178, 18, 21</a>
Decimal	<a href="#">11670037</a>
CIELab	<a href="#">37.76, 59.16, 43.25</a>
CIElCh	<a href="#">38, 73.284, 36.167</a>
Yxy	<a href="#">9.9517, 0.6174, 0.3284</a>
Android (android.graphics.Color)	<a href="#">4289860117</a> (0xFFB21215)
YUV	<a href="#">66.1820, -22.2747, 98.0644</a>
Hunter-Lab	<a href="#">31.5464, 50.6713, 18.9924</a>

# Details

The Android color **4289860117** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **4279415471**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4294071618**, and **4285792256** is the 20% darker color. If you saturate the color by 10%, you get **4289855492**, and if you desaturate by 10%, it is **4289864742**.

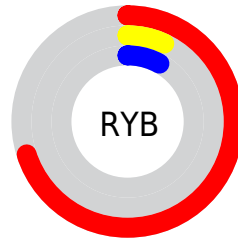
# Distribution



Red (70%)

Green (7%)

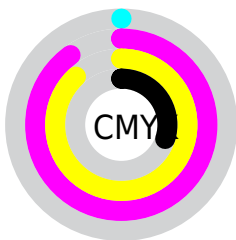
Blue (8%)



Red (70%)

Yellow (7%)

Blue (8%)

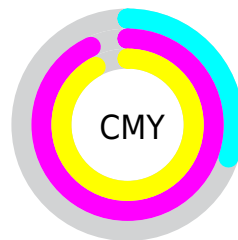


Cyan (0%)

Magenta (90%)

Yellow (88%)

Black (30%)



Cyan (30%)

Magenta (93%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289860117 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 4289860117 by changing the saturation by 10% instead.





4289860117



4289860117

4294967292



4287823872



4294071618



4285792256



4294930779



4283760640



4294937972



4281925634



4294945421



4279238656



4294952616



4278190080



4294960323



4294967264



4289860117



4289860117

■ 4289855492

■ 4289864742

■ 4289855491

■ 4289869368

■ 4289873737

■ 4289878363

■ 4289882988

■ 4289887614

■ 4289892239

■ 4289896609

■ 4289901234

# Harmonies

## Analogous

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



4290510928



4289860117



4287775232

# Triad

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



4289860117



4278218276



4278214353

# Complementary

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



4289860117



4279415471

# 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.



4278217927



4289860117



4278218852

# Square

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



4289860117



4279855104



4278218910



4284629434

# Rectangle

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



4289860117



4285813760



4278218910



4278215889



# Sweetspot

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



4289860117



4293437867



4289532594



4285878352



4294309365



4285887861



# Same Dimension

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



4289860117



4293394436



4289879314



4284043344



4288217091



4279894016



# Inverse Universe

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



4289860117



4293394436



4279396274



4284043344



4288217091



4279894016



# Previews

## White Background



This preview shows how the Android color 4289860117 looks on a white background.

## Color Contrast Check

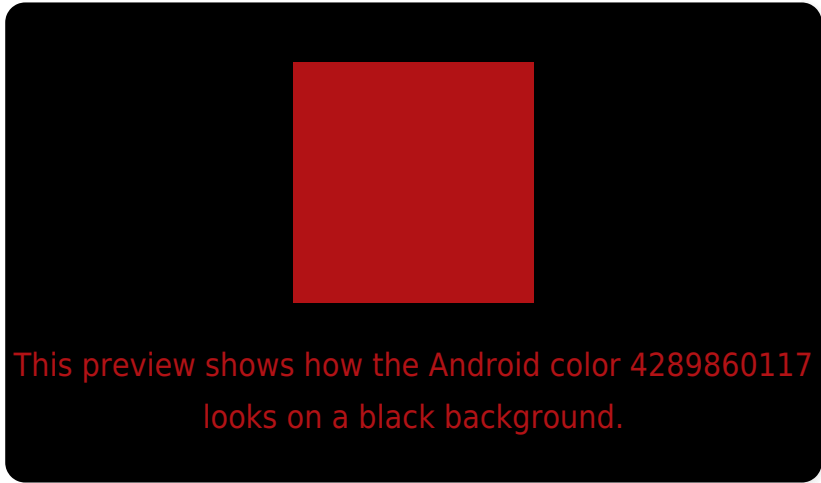
Large Text (above 18pt) WCAG AA ✓ Pass

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 4289860117 Background



This preview shows how black text looks on a background with the Android color 4289860117.



This preview shows how white text looks on a background with the Android color 4289860117.

# 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**  
4289860117

**Protanopia**  
4284832548

**Deuteranopia**  
4285748736



# Trichromacy



**Original Color**  
4289860117

**Protanomaly**  
4286660639

**Deuteranomaly**  
4287249672

**Tritanomaly**  
4289860368

# Monochromacy



**Original Color**  
4289860117

**Achromatopsia**  
4282532418

**Achromatomaly**  
4285215026

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289860117 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(178, 18, 21)` looks like.

```
.text, #text, p{  
    color:rgb(178, 18, 21)  
}
```

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(178, 18, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 18, 21) }
```

## Border

The CSS property to change the border of an element to Android 4289860117 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(178, 18, 21) }
```

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

```
.border{ border-color:rgb(178, 18, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 18, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 18, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 18, 21);  
box-shadow:4px 4px 4px 4px rgb(178, 18,  
21) }
```

# Background

The CSS property to change the background color of an element to Android 4289860117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 18, 21) }
```

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

```
.background{ background-color: rgb(178, 18,  
21) }
```

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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