

# Converting Colors

Android(4289335296)

Have a look what the booklet for  
Android(4289335296) contains.

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# Color

**Android(4289335296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA1000
RGB	170, 16, 0
RGB Percent	67%, 6%, 0%
CMY	0.3333, 0.9373, 1.0000
CMYK	0.00, 0.91, 1.00, 0.33
HSL	6°, 100%, 33%
HSV	6°, 100%, 67%
XYZ	16.7629, 8.9166, 0.8376
YIQ	60.2220, 96.9200, 27.6720

# Conversions

## Conversions Part 2

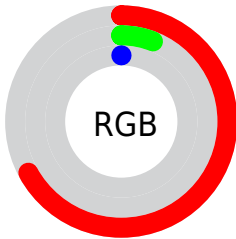
Format	Color
<a href="#">RYB</a>	<a href="#">170, 18, 0</a>
Decimal	<a href="#">11145216</a>
CIELab	<a href="#">35.82, 57.02, 49.78</a>
CIElCh	<a href="#">36, 75.695, 41.124</a>
Yxy	<a href="#">8.9166, 0.6322, 0.3363</a>
Android (android.graphics.Color)	<a href="#">4289335296 (0xFFAA1000)</a>
YUV	<a href="#">60.2220, -29.6894, 96.2753</a>
Hunter-Lab	<a href="#">29.8607, 47.9479, 19.2394</a>

# Details

The Android color **4289335296** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **4278229674**, and the grayscale version is **4282137660**.

A 20% lighter version of the original color is **4293546545**, and **4285267968** is the 20% darker color. If you saturate the color by 10%, you get **4289335296**, and if you desaturate by 10%, it is **4289339153**.

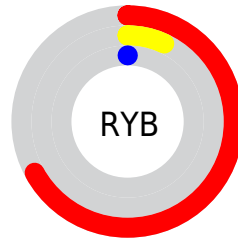
# Distribution



Red (67%)

Green (6%)

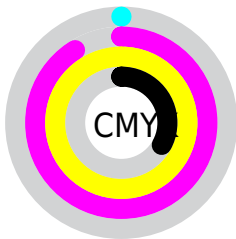
Blue (0%)



Red (67%)

Yellow (7%)

Blue (0%)

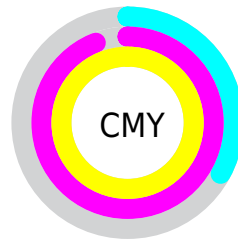


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (94%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289335296 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 4289335296 by changing the saturation by 10% instead.



 4289335296

 4289335296

 4294967273

 4287299584

 4293546545

 4285267968

 4294929993

 4283236352

 4294937186

 4281401346

 4294944380

 4278190080

 4294951830

 4294959281

 4294966733

 4289335296

 4289339153

 4289343266

 4289347123

 4289351236

 4289355093

 4289358950

 4289363063

 4289366920

 4289371033

# Harmonies

## Analogous

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



4290314305



4289335296



4286988800

# Triad

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



4289335296



4278217257



4278212302

# Complementary

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



4289335296



4278229674

# 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.



4278216393



4289335296



4278217834

# Square

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



4289335296



4278215936



4278217892



4285346993

# Rectangle

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



4289335296



4284896000



4278217892



4278214096



# Sweetspot

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



4289335296



4292780699



4289331356



4285549640



4293980400



4285558896



# Same Dimension

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



4289335296



4292744448



4289356544



4283714892



4287892992



4279501312



# Inverse Universe

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



4278229674



4278241758



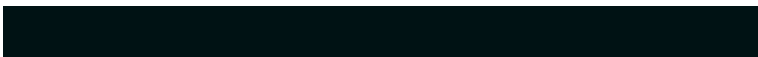
4278208426



4283192148



4278224532



4278194708



# Previews

## White Background



This preview shows how the Android color 4289335296 looks on a white background.

## Color Contrast Check

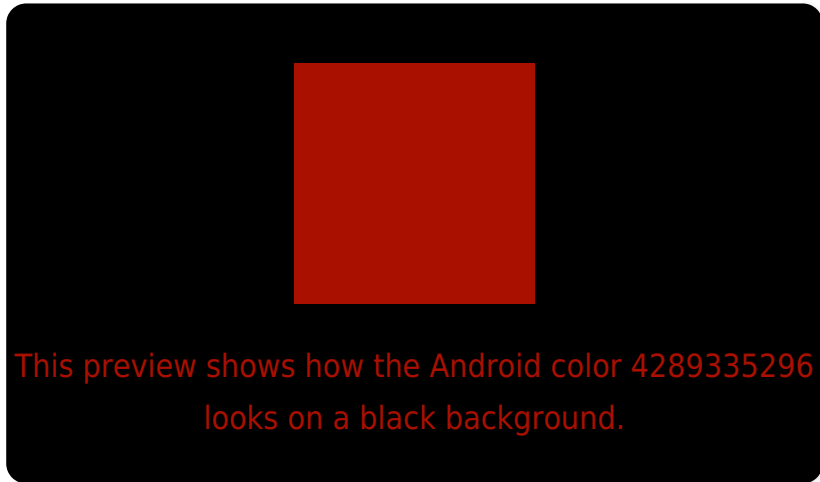
Large Text (above 18pt) WCAG AA ✓ Pass

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 4289335296 Background



This preview shows how black text looks on a background with the Android color 4289335296.



This preview shows how white text looks on a background with the Android color 4289335296.

# 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**  
4289335296

**Protanopia**  
4284569366

**Deuteranopia**  
4285354496



# Trichromacy



**Original Color**  
4289335296

**Protanomaly**  
4286332174

**Deuteranomaly**  
4286790144

**Tritanomaly**  
4289335300

# Monochromacy



**Original Color**  
4289335296

**Achromatopsia**  
4282137660

**Achromatomaly**  
4284754982

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289335296 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(170, 16, 0)` looks like.

```
.text, #text, p{  
    color:rgb(170, 16, 0)  
}
```

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(170, 16, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 16, 0) }
```

## Border

The CSS property to change the border of an element to Android 4289335296 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(170, 16, 0) }
```

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

```
.border{ border-color:rgb(170, 16, 0) }
```

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

Here you see how a box with a 4 pixel rgb(170, 16, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 16, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 16, 0);  
box-shadow:4px 4px 4px 4px rgb(170, 16, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4289335296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 16, 0) }
```

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

```
.background{ background-color: rgb(170, 16,  
0) }
```

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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