

# Converting Colors

Android(4293095168)

Have a look what the booklet for  
Android(4293095168) contains.

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# Color

**Android(4293095168)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E36F00
RGB	227, 111, 0
RGB Percent	89%, 44%, 0%
CMY	0.1098, 0.5647, 1.0000
CMYK	0.00, 0.51, 1.00, 0.11
HSL	29°, 100%, 45%
HSV	29°, 100%, 89%
XYZ	37.3630, 27.6998, 3.3773
YIQ	133.0300, 104.7670, -9.9290

# Conversions

## Conversions Part 2

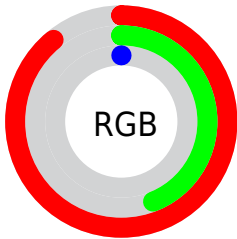
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 217, 0
Decimal	14905088
CIE <sub>Lab</sub>	59.62, 40.34, 67.53
CIE <sub>LCh</sub>	60, 78.664, 59.149
Yxy	27.6998, 0.5459, 0.4047
Android (android.graphics.Color)	4293095168 (0xFFE36F00)
YUV	133.0300, -65.5838, 82.4117
Hunter-Lab	52.6306, 34.6155, 33.0367

# Details

The Android color **4293095168** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **4278220003**, and the grayscale version is **4287006342**.

A 20% lighter version of the original color is **4294943812**, and **4288953344** is the 20% darker color. If you saturate the color by 10%, you get **4293095168**, and if you desaturate by 10%, it is **4293098263**.

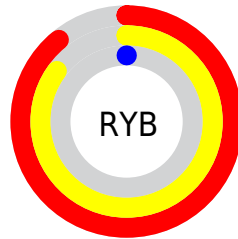
# Distribution



Red (89%)

Green (44%)

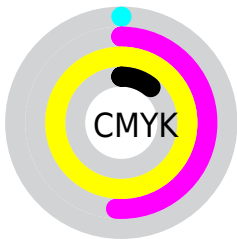
Blue (0%)



Red (89%)

Yellow (85%)

Blue (0%)

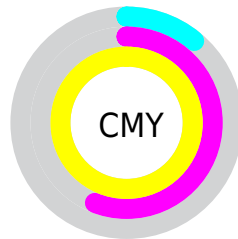


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293095168 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 4293095168 by changing the saturation by 10% instead.



 4293095168

 4293095168

4294967295

 4290991360

 4294943812

 4288953344

 4294951007

 4286915072

 4294958202

 4284940800

 4294965653

 4283039744

 4294967217

 4281401346

 4294967245

 4278190080

 4294967274

 4293095168

 4293098263

 4293101101

 4293104196

 4293107035

 4293110130

 4293113224

 4293116063

 4293119158

 4293121996

# Harmonies

## Analogous

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



4294921041



4293095168



4289694720

# Triad

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



4293095168



4278234507



4286873343

# Complementary

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



4293095168



4278220003

# 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.



4278229503



4293095168



4278234834

# Square

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



4293095168



4278233411



4278233343



4292827608

# Rectangle

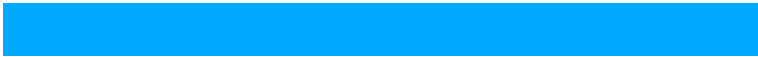
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293095168



4286814720



4278233343



4282943743



# Sweetspot

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



4293095168



4294957235



4293066869



4286605394



4278190080



4286611584



# Same Dimension

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



4293095168



4294933760



4293123840



4285754727



4289943296



4281538816



# Inverse Universe

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



4278220003



4278223615



4278191331



4284968307



4278213555



4278196787



# Previews

## White Background



This preview shows how the Android color 4293095168 looks on a white background.

## Color Contrast Check

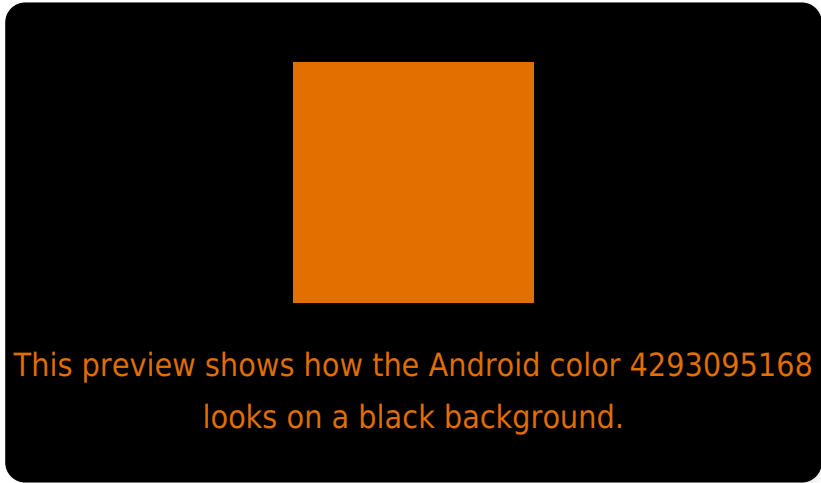
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



# Android 4293095168 Background



This preview shows how black text looks on a background with the Android color 4293095168.



This preview shows how white text looks on a background with the Android color 4293095168.

# 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



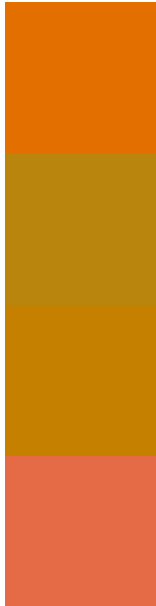
**Original Color**  
4293095168

**Protanopia**  
4288844052

**Deuteranopia**  
4290152704



# Trichromacy



**Original Color**  
4293095168

**Protanomaly**  
4290413837

**Deuteranomaly**  
4291198976

**Tritanomaly**  
4293225030

# Monochromacy



**Original Color**  
4293095168

**Achromatopsia**  
4286940549

**Achromatomaly**  
4289166677

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293095168 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(227, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 111, 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(227, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 111, 0) }
```

## Border

The CSS property to change the border of an element to Android 4293095168 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(227, 111, 0) }
```

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

```
.border{ border-color:rgb(227, 111, 0) }
```

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

Here you see how a box with a 4 pixel rgb(227, 111, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 111,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4293095168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 111, 0) }
```

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

```
.background{ background-color: rgb(227,  
111, 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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