

# Converting Colors

Android(4293735168)

Have a look what the booklet for  
Android(4293735168) contains.

<b>Android(4293735168)</b> .....	3
<i>Conversions</i> .....	4
<i>Details</i> .....	6
<i>Harmonies</i> .....	11
<i>Previews</i> .....	23
<i>Color Blindness Simulation</i> .....	26
<i>CSS Examples</i> .....	29

# Color

**Android(4293735168)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED3300
RGB	237, 51, 0
RGB Percent	93%, 20%, 0%
CMY	0.0706, 0.8000, 1.0000
CMYK	0.00, 0.78, 1.00, 0.07
HSL	13°, 100%, 46%
HSV	13°, 100%, 93%
XYZ	36.1089, 20.3722, 2.0291
YIQ	100.8000, 127.2270, 23.5710

# Conversions

## Conversions Part 2

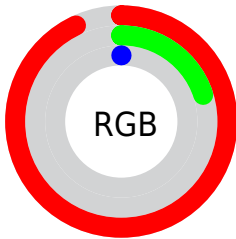
Format	Color
<a href="#">RYB</a>	<a href="#">237, 65, 0</a>
Decimal	<a href="#">15545088</a>
CIELab	<a href="#">52.26, 67.92, 64.66</a>
CIElCh	<a href="#">52, 93.777, 43.589</a>
Yxy	<a href="#">20.3722, 0.6171, 0.3482</a>
Android (android.graphics.Color)	<a href="#">4293735168</a> (0xFFED3300)
YUV	<a href="#">100.8000, -49.6944, 119.4474</a>
Hunter-Lab	<a href="#">45.1355, 63.8145, 28.9295</a>

# Details

The Android color **4293735168** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **4278237933**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4294930748**, and **4289396736** is the 20% darker color. If you saturate the color by 10%, you get **4293735168**, and if you desaturate by 10%, it is **4293740056**.

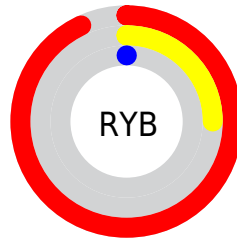
# Distribution



Red (93%)

Green (20%)

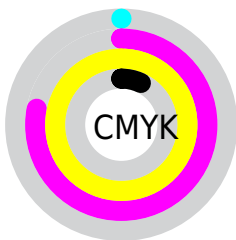
Blue (0%)



Red (93%)

Yellow (25%)

Blue (0%)

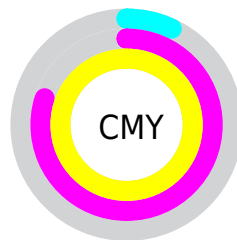


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293735168 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 4293735168 by changing the saturation by 10% instead.



 4293735168

 4293735168

 4294967290

 4291559424

 4294930748

 4289396736

 4294938197

 4287234048

 4294945647

 4285202432

 4294953354

 4283236355

 4294960805

 4281204738

 4294967233

 4278190080

 4294967261

 4293735168

 4293740056

 4293744687

 4293749575

 4293754207

 4293759094

 4293763982

 4293768614

 4293773502

 4293778133

# Harmonies

## Analogous

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



4294901853



4293735168



4290471936

# Triad

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



4293735168



4278229579



4278222079

# Complementary

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



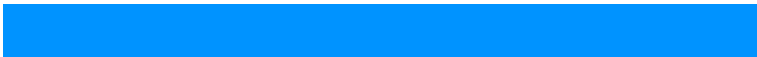
4293735168



4278237933

# 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.



4278227967



4293735168



4278230433

# Square

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



4293735168



4278227712



4278230252



4289220595

# Rectangle

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



4293735168



4287659264



4278230252



4278224383



# Sweetspot

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



4293735168



4294951859



4293722302



4286602066



4278190080



4286611584



# Same Dimension

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



4293735168



4294915840



4293764608



4285885546



4290062080



4281732096

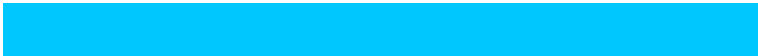


# Inverse Universe

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



4278237933



4278241535



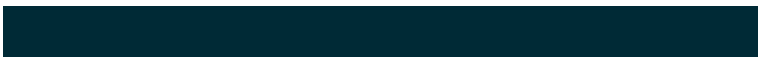
4278208493



4285166453



4278226613



4278200886



# Previews

## White Background



This preview shows how the Android color 4293735168 looks on a white background.

## Color Contrast Check

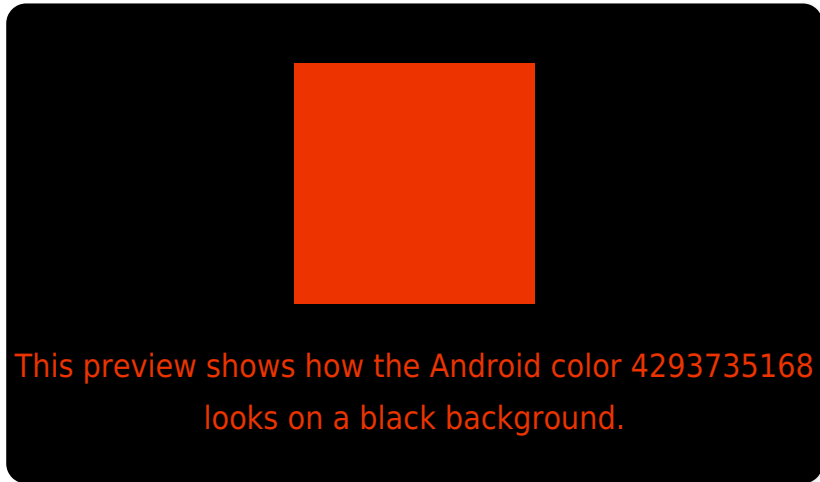
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293735168 Background



This preview shows how black text looks on a background with the Android color 4293735168.



This preview shows how white text looks on a background with the Android color 4293735168.

# 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



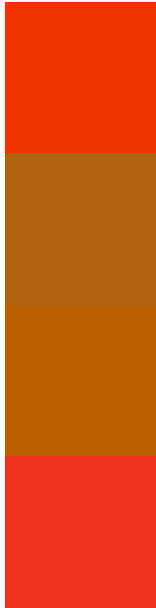
**Original Color**  
4293735168

**Protanopia**  
4287462940

**Deuteranopia**  
4288575232



# Trichromacy



**Original Color**  
4293735168

**Protanomaly**  
4289749778

**Deuteranomaly**  
4290469376

**Tritanomaly**  
4293800223

# Monochromacy



**Original Color**  
4293735168

**Achromatopsia**  
4284835173

**Achromatomaly**  
4288041792

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293735168 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(237, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 51, 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(237, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 51, 0) }
```

## Border

The CSS property to change the border of an element to Android 4293735168 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(237, 51, 0) }
```

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

```
.border{ border-color:rgb(237, 51, 0) }
```

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

Here you see how a box with a 4 pixel rgb(237, 51, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 51, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 51, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 51, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4293735168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 51, 0) }
```

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

```
.background{ background-color: rgb(237, 51,  
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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