

# Converting Colors

Android(4293211648)

Have a look what the booklet for  
Android(4293211648) contains.

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# Color

**Android(4293211648)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E53600
RGB	229, 54, 0
RGB Percent	90%, 21%, 0%
CMY	0.1020, 0.7882, 1.0000
CMYK	0.00, 0.76, 1.00, 0.10
HSL	14°, 100%, 45%
HSV	14°, 100%, 90%
XYZ	33.6323, 19.2963, 1.9520
YIQ	100.1690, 121.6340, 20.3060

# Conversions

## Conversions Part 2

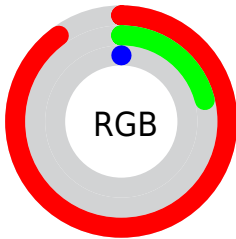
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 71, 0
Decimal	15021568
CIE Lab	51.03, 64.72, 63.23
CIE LCh	51, 90.480, 44.332
Yxy	19.2963, 0.6128, 0.3516
Android (android.graphics.Color)	4293211648 (0xFFE53600)
YUV	100.1690, -49.3833, 112.9848
Hunter-Lab	43.9276, 59.7915, 28.1147

# Details

The Android color **4293211648** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4278235109**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4294931003**, and **4288937984** is the 20% darker color. If you saturate the color by 10%, you get **4293211648**, and if you desaturate by 10%, it is **4293216279**.

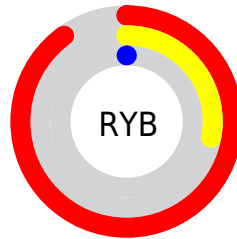
# Distribution



Red (90%)

Green (21%)

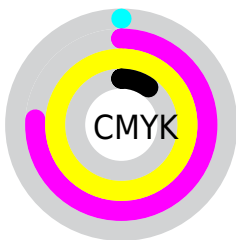
Blue (0%)



Red (90%)

Yellow (28%)

Blue (0%)

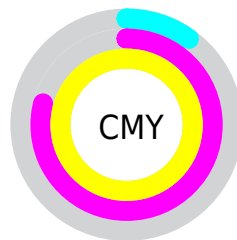


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (79%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293211648 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 4293211648 by changing the saturation by 10% instead.



 4293211648

 4293211648

 4294967290

 4291037184

 4294931003

 4288937984

 4294938453

 4286775296

 4294945903

 4284743680

 4294953353

 4282843139

 4294960804

 4280745985

 4294967232

 4278190080

 4294967261

 4293211648

 4293216279

 4293220654

 4293225285

 4293229660

 4293234035

 4293238665

 4293243296

 4293247671

 4293252302

# Harmonies

## Analogous

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



4294639705



4293211648



4290078464

# Triad

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



4293211648



4278228556



4278221055

# Complementary

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



4293211648



4278235109

# 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.



4278226943



4293211648



4278229406

# Square

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



4293211648



4278226944



4278228966



4289089002

# Rectangle

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



4293211648



4287331072



4278228966



4278223359



# Sweetspot

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



4293211648



4294952371



4293198000



4286602322



4278190080



4286611584



# Same Dimension

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



4293211648



4294917120



4293240832



4285753959



4289931776



4281535488



# Inverse Universe

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



4278235109



4278240255



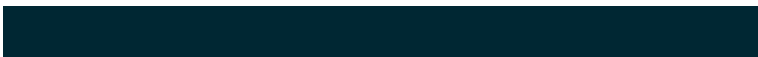
4278205925



4284969075



4278225075



4278200115



# Previews

## White Background



This preview shows how the Android color 4293211648 looks on a white background.

## Color Contrast Check

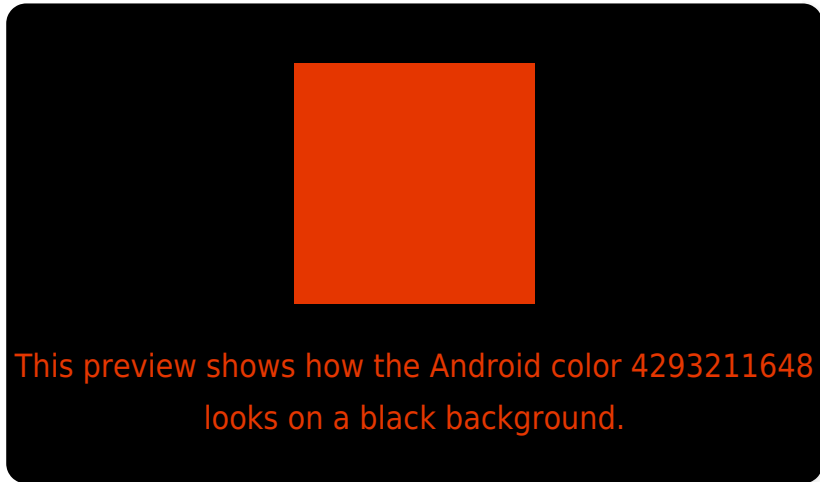
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293211648 Background



This preview shows how black text looks on a background with the Android color 4293211648.



This preview shows how white text looks on a background with the Android color 4293211648.

# 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



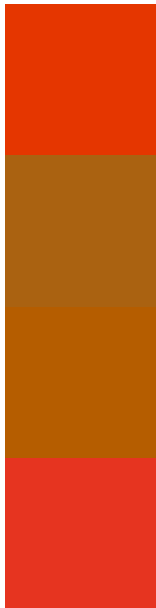
**Original Color**  
4293211648

**Protanopia**  
4287200027

**Deuteranopia**  
4288312320



# Trichromacy



**Original Color**  
4293211648

**Protanomaly**  
4289356305

**Deuteranomaly**  
4290075904

**Tritanomaly**  
4293276704

# Monochromacy



**Original Color**  
4293211648

**Achromatopsia**  
4284769380

**Achromatomaly**  
4287845184

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293211648 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(229, 54, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 54, 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(229, 54, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 54, 0) }
```

## Border

The CSS property to change the border of an element to Android 4293211648 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(229, 54, 0) }
```

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

```
.border{ border-color:rgb(229, 54, 0) }
```

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

Here you see how a box with a 4 pixel rgb(229, 54, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 54, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 54, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 54, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4293211648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 54, 0) }
```

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

```
.background{ background-color: rgb(229, 54,  
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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