

Converting Colors

Android(4293613312)

Have a look what the booklet for
Android(4293613312) contains.

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Color

Android(4293613312)

Conversions

Conversions Part 1

Format	Color
Hex	EB5700
RGB	235, 87, 0
RGB Percent	92%, 34%, 0%
CMY	0.0784, 0.6588, 1.0000
CMYK	0.00, 0.63, 1.00, 0.08
HSL	22°, 100%, 46%
HSV	22°, 100%, 92%
XYZ	37.6691, 24.4786, 2.7395
YIQ	121.3340, 116.1350, 4.3190

Conversions

Conversions Part 2

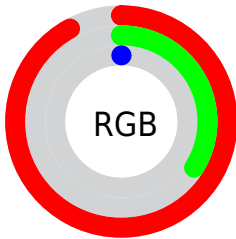
Format	Color
RYB	235, 138, 0
Decimal	15423232
CIELab	56.56, 54.50, 66.51
CIElCh	57, 85.981, 50.668
Yxy	24.4786, 0.5805, 0.3772
Android (android.graphics.Color)	4293613312 (0xFFEB5700)
YUV	121.3340, -59.8177, 99.6851
Hunter-Lab	49.4758, 49.3210, 31.3502

Details

The Android color **4293613312** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **4278228203**, and the grayscale version is **4286216826**.

A 20% lighter version of the original color is **4294938176**, and **4289338112** is the 20% darker color. If you saturate the color by 10%, you get **4293613312**, and if you desaturate by 10%, it is **4293617175**.

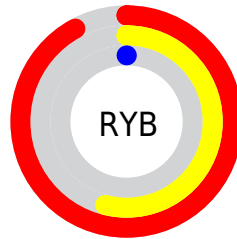
Distribution



Red (92%)

Green (34%)

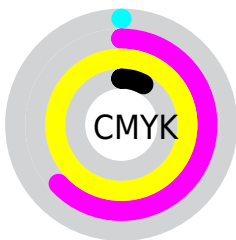
Blue (0%)



Red (92%)

Yellow (54%)

Blue (0%)

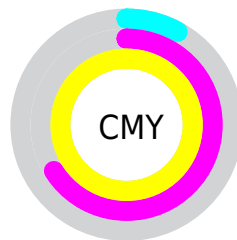


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293613312 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 4293613312 by changing the saturation by 10% instead.

 4293613312

 4293613312

4294967295

 4291443456

 4294938176

 4289338112

 4294945371

 4287234048

 4294952565

 4285202432

 4294960016

 4283236352

 4294967212

 4281466882

 4294967240

 4278190080

 4294967269

 4293613312

 4293617175

 4293621039

 4293624647

 4293628510

 4293632374

 4293636237

 4293640100

 4293643708

 4293647571

Harmonies

Analogous

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



4294910552



4293613312



4290280448

Triad

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



4293613312



4278232685



4281368575

Complementary

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



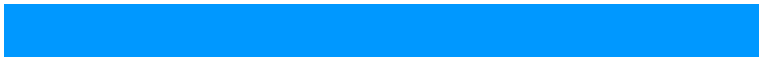
4293613312



4278228203

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.



4278229247



4293613312



4278233019

Square

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



4293613312



4278231060



4278232316



4291319272

Rectangle

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



4293613312



4287401216



4278232316



4278225407

Sweetspot

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



4293613312



4294954931



4293591189



4286604114



4278190080



4286611584

Same Dimension

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



4293613312



4294925824



4293643264



4285886058



4290069248



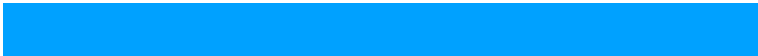
4281734144

Inverse Universe

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



4278228203



4278231551



4278198251



4285165941



4278219445



4278198838

Previews

White Background



This preview shows how the Android color 4293613312 looks on a white background.

Color Contrast Check

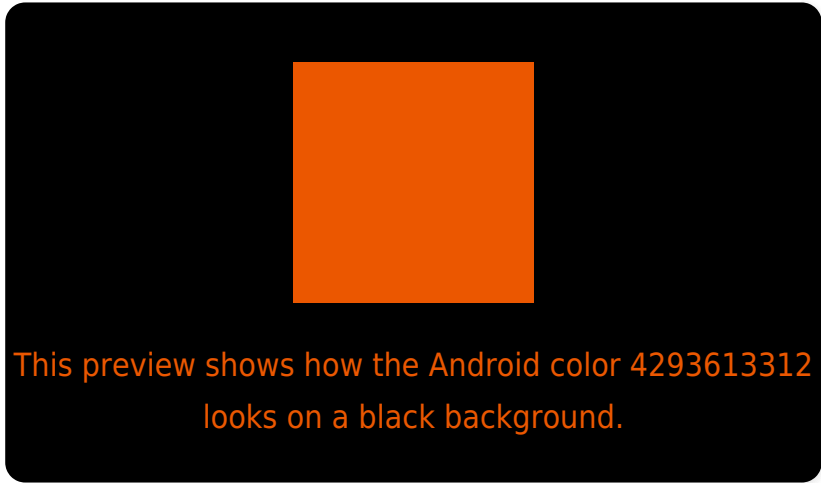
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293613312 Background



This preview shows how black text looks on a background with the Android color 4293613312.



This preview shows how white text looks on a background with the Android color 4293613312.

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
4293613312

Protanopia
4288252184

Deuteranopia
4289495296

Trichromacy



Original Color
4293613312

Protanomaly
4290213647

Deuteranomaly
4290998784

Tritanomaly
4293677879

Monochromacy



Original Color
4293613312

Achromatopsia
4286151033

Achromatomaly
4288834893

CSS Examples

Text

The CSS property to change the color of the text to Android 4293613312 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(235, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 87, 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(235, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 87, 0) }
```

Border

The CSS property to change the border of an element to Android 4293613312 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(235, 87, 0) }
```

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

```
.border{ border-color:rgb(235, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(235, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(235, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4293613312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 87, 0) }
```

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

```
.background{ background-color: rgb(235, 87,  
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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