

Converting Colors

Android(4293936640)

Have a look what the booklet for
Android(4293936640) contains.

Android(4293936640)	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(4293936640)

Conversions

Conversions Part 1

Format	Color
Hex	F04600
RGB	240, 70, 0
RGB Percent	94%, 27%, 0%
CMY	0.0588, 0.7255, 1.0000
CMYK	0.00, 0.71, 1.00, 0.06
HSL	18°, 100%, 47%
HSV	18°, 100%, 94%
XYZ	38.1253, 22.9056, 2.4118
YIQ	112.8500, 123.7900, 14.2700

Conversions

Conversions Part 2

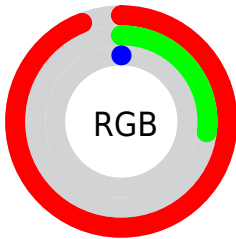
Format	Color
R_{YB}	240, 99, 0
Decimal	15746560
CIE _{Lab}	54.97, 62.82, 66.20
CIE _{LCh}	55, 91.264, 46.502
Yxy	22.9056, 0.6009, 0.3610
Android (android.graphics.Color)	4293936640 (0xFFFF04600)
YUV	112.8500, -55.6350, 111.5106
Hunter-Lab	47.8598, 58.4394, 30.5141

Details

The Android color **4293936640** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **4278233840**, and the grayscale version is **4285624689**.

A 20% lighter version of the original color is **4294934590**, and **4289593344** is the 20% darker color. If you saturate the color by 10%, you get **4293936640**, and if you desaturate by 10%, it is **4293941016**.

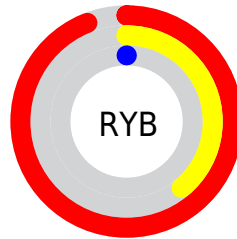
Distribution



Red (94%)

Green (27%)

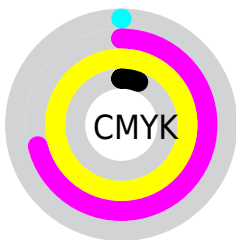
Blue (0%)



Red (94%)

Yellow (39%)

Blue (0%)

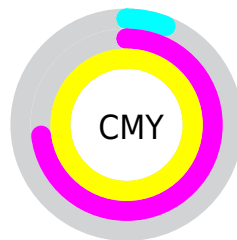


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293936640 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 4293936640 by changing the saturation by 10% instead.

 4293936640

 4293936640

4294967295

 4291765504

 4294934590

 4289593344

 4294941784

 4287496192


 4294949235

 4285399040

 4294956685

 4283432961

 4294964393

 4281532418

 4294967237

 4278190080

 4294967265

 4293936640

 4293941016

 4293945392

 4293949768

 4293954144

 4293958520

 4293962896

 4293967272

 4293971648

 4293976024

Harmonies

Analogous

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



4294901852



4293936640



4290605824

Triad

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



4293936640



4278231644



4278222847

Complementary

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



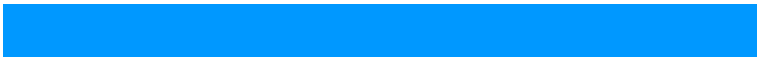
4293936640



4278233840

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



4293936640



4278232239

Square

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



4293936640



4278229760



4278231798



4290335730

Rectangle

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



4293936640



4287727104



4278231798



4278225407

Sweetspot

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



4293936640



4294953395



4293918892



4286603090



4278190080



4286611584

Same Dimension

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



4293936640



4294920704



4293966848



4286082924



4290262528



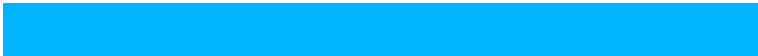
4281864192

Inverse Universe

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



4278233840



4278236671



4278203632



4285297784



4278223544



4278200376

Previews

White Background



This preview shows how the Android color 4293936640 looks on a white background.

Color Contrast Check

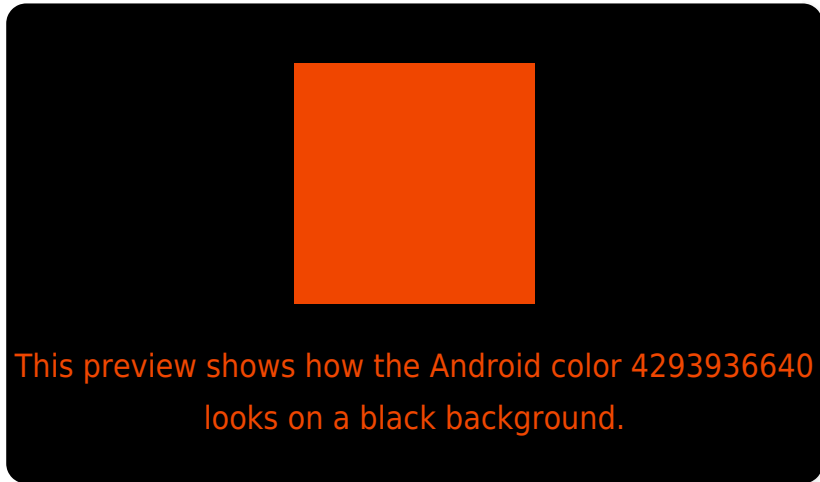
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293936640 Background



This preview shows how black text looks on a background with the Android color 4293936640.



This preview shows how white text looks on a background with the Android color 4293936640.

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

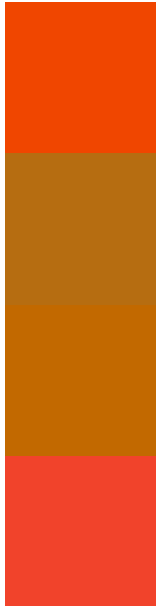


Original Color
4293936640

Protanopia
4287988762

Deuteranopia
4289166592

Trichromacy



Original Color
4293936640

Protanomaly
4290145553

Deuteranomaly
4290930944

Tritanomaly
4294001451

Monochromacy



Original Color
4293936640

Achromatopsia
4285624689

Achromatomaly
4288635208

CSS Examples

Text

The CSS property to change the color of the text to Android 4293936640 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(240, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 70, 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(240, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 70, 0) }
```

Border

The CSS property to change the border of an element to Android 4293936640 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(240, 70, 0) }
```

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

```
.border{ border-color:rgb(240, 70, 0) }
```

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

Here you see how a box with a 4 pixel rgb(240, 70, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 70, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 70, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 70, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4293936640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 70, 0) }
```

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

```
.background{ background-color: rgb(240, 70,  
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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