

# Converting Colors

Android(4294136076)

Have a look what the booklet for  
Android(4294136076) contains.

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**Color**

**Android(4294136076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3510C
RGB	243, 81, 12
RGB Percent	95%, 32%, 5%
CMY	0.0471, 0.6824, 0.9529
CMYK	0.00, 0.67, 0.95, 0.05
HSL	18°, 91%, 50%
HSV	18°, 95%, 95%
XYZ	39.9709, 24.9661, 3.0601
YIQ	121.5720, 118.7010, 12.8850

# Conversions

## Conversions Part 2

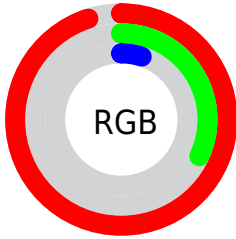
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 110, 12
Decimal	15945996
CIE <sub>Lab</sub>	57.04, 59.77, 65.13
CIE <sub>LCh</sub>	57, 88.395, 47.458
Yxy	24.9661, 0.5878, 0.3672
Android (android.graphics.Color)	4294136076 (0xFFFF3510C)
YUV	121.5720, -54.0190, 106.4924
Hunter-Lab	49.9661, 55.3525, 31.3452

# Details

The Android color **4294136076** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **4279021299**, and the grayscale version is **4286216826**.

A 20% lighter version of the original color is **4294936902**, and **4289857792** is the 20% darker color. If you saturate the color by 10%, you get **4294134016**, and if you desaturate by 10%, it is **4294140452**.

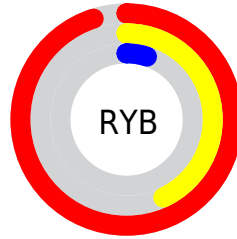
# Distribution



Red (95%)

Green (32%)

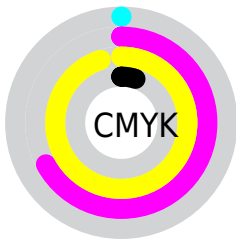
Blue (5%)



Red (95%)

Yellow (43%)

Blue (5%)

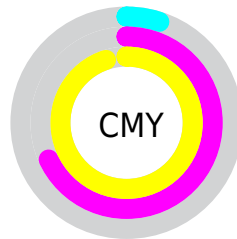


Cyan (0%)

Magenta (67%)

Yellow (95%)

Black (5%)



Cyan (5%)

Magenta (68%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294136076 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 4294136076 by changing the saturation by 10% instead.





4294136076



4294136076

4294967295



4291965696



4294936902



4289857792



4294944352



4287692800



4294951546



4285661184



4294959253



4283629568



4294966705



4281794562



4294967245



4278845440



4294967273



4278190080



4294136076



4294136076

4294134016

4294140452

4294144829

4294149205

4294153581

4294157957

4294162334

4294166710

4294171086

4294175463

# Harmonies

## Analogous

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



4294905952



4294136076



4290869760

# Triad

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



4294136076



4278232933



4278223871

# Complementary

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



4294136076



4279021299

# 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.



4278230271



4294136076



4278233525

# Square

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



4294136076



4278231296



4278233082



4290861555

# Rectangle

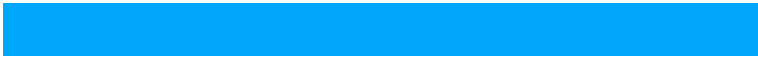
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294136076



4287990784



4278233082



4278226431



# Sweetspot

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



4294136076



4294953909



4294118578



4286603347



4278190080



4286611584



# Same Dimension

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



4294136076



4294921216



4294164748



4286214766



4290394112



4282061312

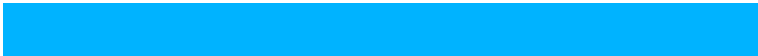


# Inverse Universe

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



4279021299



4278236159



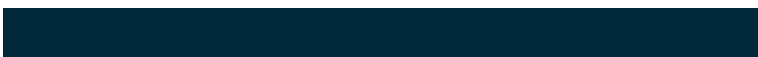
4278992627



4285429626



4278223802



4278200635



# Previews

## White Background



This preview shows how the Android color 4294136076 looks on a white background.

## Color Contrast Check

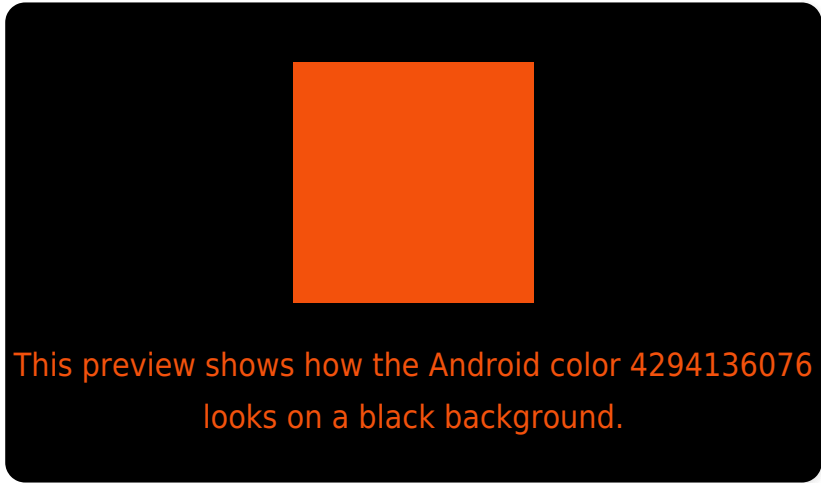
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294136076 Background



This preview shows how black text looks on a background with the Android color 4294136076.



This preview shows how white text looks on a background with the Android color 4294136076.

# 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



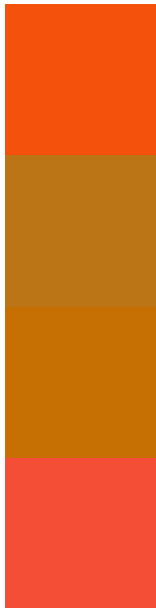
**Original Color**  
4294136076

**Protanopia**  
4288383517

**Deuteranopia**  
4289561088



# Trichromacy



**Original Color**  
4294136076

**Protanomaly**  
4290475287

**Deuteranomaly**  
4291194884

**Tritanomaly**  
4294200887

# Monochromacy



**Original Color**  
4294136076

**Achromatopsia**  
4286216826

**Achromatomaly**  
4289096530

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294136076 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(243, 81, 12)` looks like.

```
.text, #text, p{  
    color:rgb(243, 81, 12)  
}
```

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(243, 81, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 81, 12) }
```

## Border

The CSS property to change the border of an element to Android 4294136076 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(243, 81, 12) }
```

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

```
.border{ border-color:rgb(243, 81, 12) }
```

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

Here you see how a box with a 4 pixel rgb(243, 81, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 81, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 81, 12);  
box-shadow:4px 4px 4px 4px rgb(243, 81,  
12) }
```

# Background

The CSS property to change the background color of an element to Android 4294136076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 81, 12) }
```

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

```
.background{ background-color: rgb(243, 81,  
12) }
```

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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