

# Converting Colors

Android(4294930178)

Have a look what the booklet for  
Android(4294930178) contains.

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# **Color**

**Android(4294930178)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FF6F02                      |
| RGB         | 255, 111, 2                 |
| RGB Percent | 100%, 44%, 1%               |
| CMY         | 0.0000, 0.5647, 0.9922      |
| CMYK        | 0.00, 0.56, 0.99, 0.00      |
| HSL         | 26°, 100%, 50%              |
| HSV         | 26°, 99%, 100%              |
| XYZ         | 46.9354, 32.6333, 3.8825    |
| YIQ         | 141.6300, 120.8130, -3.3710 |

# Conversions

## Conversions Part 2

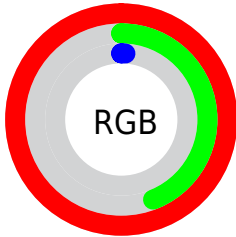
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 255, 194, 2                    |
| Decimal                             | 16740098                       |
| CIE Lab                             | 63.86, 50.97, 71.87            |
| CIE LCh                             | 64, 88.106, 54.654             |
| Yxy                                 | 32.6333, 0.5624,<br>0.3910     |
| Android<br>(android.graphics.Color) | 4294930178<br>(0xFFFF6F02)     |
| YUV                                 | 141.6300, -68.8376,<br>99.4255 |
| Hunter-Lab                          | 57.1255, 46.6892,<br>35.9583   |

# Details

The Android color **4294930178** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **4278358783**, and the grayscale version is **4287532686**.

A 20% lighter version of the original color is **4294944327**, and **4290656512** is the 20% darker color. If you saturate the color by 10%, you get **4294929920**, and if you desaturate by 10%, it is **4294934043**.

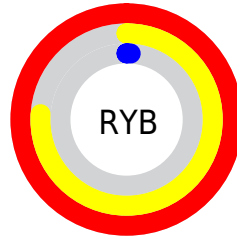
# Distribution



Red (100%)

Green (44%)

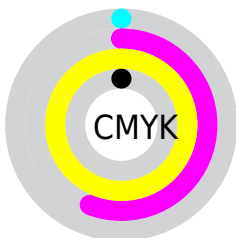
Blue (1%)



Red (100%)

Yellow (76%)

Blue (1%)

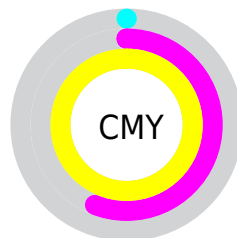


Cyan (0%)

Magenta (56%)

Yellow (99%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294930178 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 4294930178 by changing the saturation by 10% instead.





4294930178



4294930178

4294967295



4292760576



4294944327



4290656512



4294951522



4288551424



4294958973



4286447616



4294966424



4284481536



4294967220



4282580993



4294967249



4280680449



4294967278



4278190080



4294930178



4294930178

4294929920

4294934043

4294937653

4294941519

4294945128

4294948994

4294952603

4294956468

4294960078

4294963944

# Harmonies

## Analogous

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



4294918751



4294930178



4291269376

# Triad

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



4294930178



4278238346



4285500671

# Complementary

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



4294930178



4278358783

# 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.



4278233599



4294930178



4278238683

# Square

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



4294930178



4278236725



4278237439



4293485047

# Rectangle

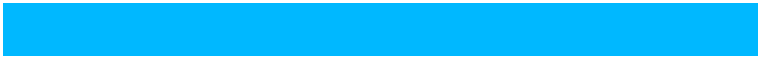
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294930178



4288127744



4278237439



4278229247



# Sweetspot

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



4294930178



4294955955



4294902422



4286604626



4278190080



4286611584



# Same Dimension

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



4294930178



4294929920



4294961666



4286609523



4290728448



4282391296

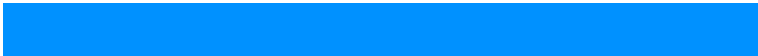


# Inverse Universe

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



4278358783



4278227455



4278327295



4285758080



4278218175



4278199360



# Previews

## White Background



This preview shows how the Android color 4294930178 looks on a white background.

## Color Contrast Check

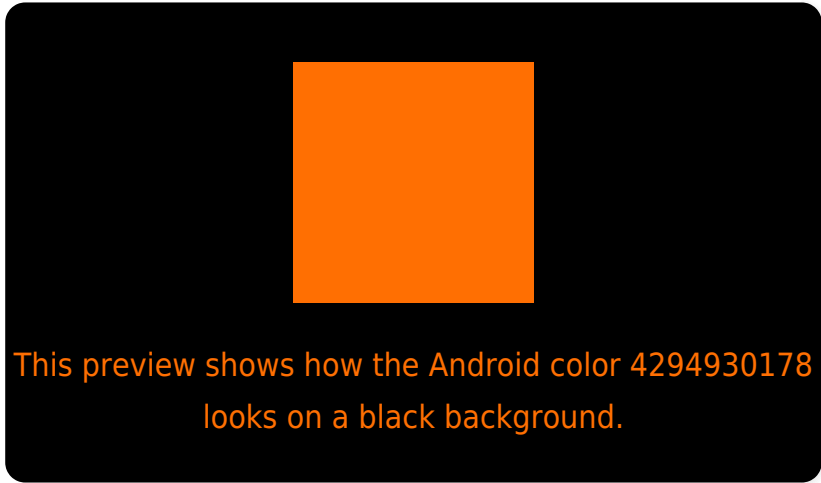
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294930178 Background



This preview shows how black text looks on a background with the Android color 4294930178.



This preview shows how white text looks on a background with the Android color 4294930178.

# 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**  
4294930178

**Protanopia**  
4289698840

**Deuteranopia**  
4291072768



# Trichromacy



**Original Color**

4294930178

**Protanomaly**

4291595280

**Deuteranomaly**

4292445697

**Tritanomaly**

4294929480

# Monochromacy



**Original Color**

4294930178

**Achromatopsia**

4287532686

**Achromatomaly**

4290216795

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294930178 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(255, 111, 2)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 2)  
}
```

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(255, 111, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 2) }
```

## Border

The CSS property to change the border of an element to Android 4294930178 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(255, 111, 2) }
```

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

```
.border{ border-color:rgb(255, 111, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 2);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
2) }
```

# Background

The CSS property to change the background color of an element to Android 4294930178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 2) }
```

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

```
.background{ background-color: rgb(255,  
111, 2) }
```

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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