

# Converting Colors

Android(4294918656)

Have a look what the booklet for  
Android(4294918656) contains.

|  |    |
|--|----|
| <b>Android(4294918656)</b> .....               | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 21 |
| <i><b>Color Blindness Simulation</b></i> ..... | 24 |
| <i><b>CSS Examples</b></i> .....               | 27 |

# Color

**Android(4294918656)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FF4200                      |
| RGB         | 255, 66, 0                  |
| RGB Percent | 100%, 26%, 0%               |
| CMY         | 0.0000, 0.7412, 1.0000      |
| CMYK        | 0.00, 0.74, 1.00, 0.00      |
| HSL         | 16°, 100%, 50%              |
| HSV         | 16°, 100%, 100%             |
| XYZ         | 43.1882, 25.1564, 2.5794    |
| YIQ         | 114.9870, 133.8300, 19.5420 |

# Conversions

## Conversions Part 2

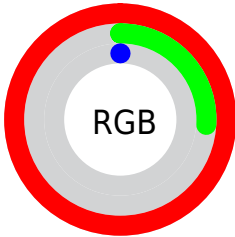
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 255, 89, 0                      |
| Decimal                             | 16728576                        |
| CIE Lab                             | 57.23, 68.76, 68.81             |
| CIE LCh                             | 57, 97.280, 45.022              |
| Yxy                                 | 25.1564, 0.6089,<br>0.3547      |
| Android<br>(android.graphics.Color) | 4294918656<br>(0xFFFF4200)      |
| YUV                                 | 114.9870, -56.6886,<br>122.7914 |
| Hunter-Lab                          | 50.1562, 65.9285,<br>32.0602    |

# Details

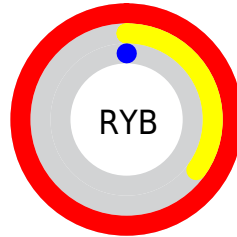
The Android color **4294918656** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **4278238719**, and the grayscale version is **4285756275**.

A 20% lighter version of the original color is **4294934079**, and **4290510848** is the 20% darker color. If you saturate the color by 10%, you get **4294918656**, and if you desaturate by 10%, it is **4294923545**.

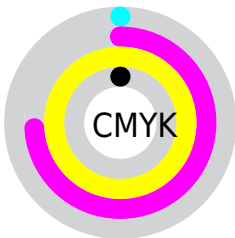
# Distribution



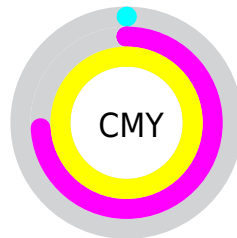
- Red (100%)
- Green (26%)
- Blue (0%)



- Red (100%)
- Yellow (35%)
- Blue (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294918656 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 4294918656 by changing the saturation by 10% instead.



 4294918656  4294918656

4294967295  4292680448

 4294934079  4290510848

 4294941785  4288348160

 4294949236  4286251008

 4294956687  4284219393

 4294964394  4282318851

 4294967238  4279959553

 4294967267  4278190080

 4294918656

 4294923545

 4294928435

 4294933325

 4294938214

 4294943104

 4294947737

 4294952627

 4294957516

 4294962406

# Harmonies

## Analogous

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



4294901860



4294918656



4291393024

# Triad

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



4294918656



4278233434



4278224895

# Complementary

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



4294918656



4278238719

# 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.



4278231295



4294918656



4278234291

# Square

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



4294918656



4278231552



4278233855



4290598911

# Rectangle

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



4294918656



4288383744



4278233855



4278227455



# Sweetspot

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



4294918656



4294952627



4294901951



4286602578



4278190080



4286611584



# Same Dimension

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



4294918656



4294950656



4286609011



4290720000



4282388480

# Inverse Universe

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



4278238719



4278206719



4285758592



4278226623



4278202176

# Previews

## White Background



This preview shows how the Android color 4294918656 looks on a white background.

## Color Contrast Check

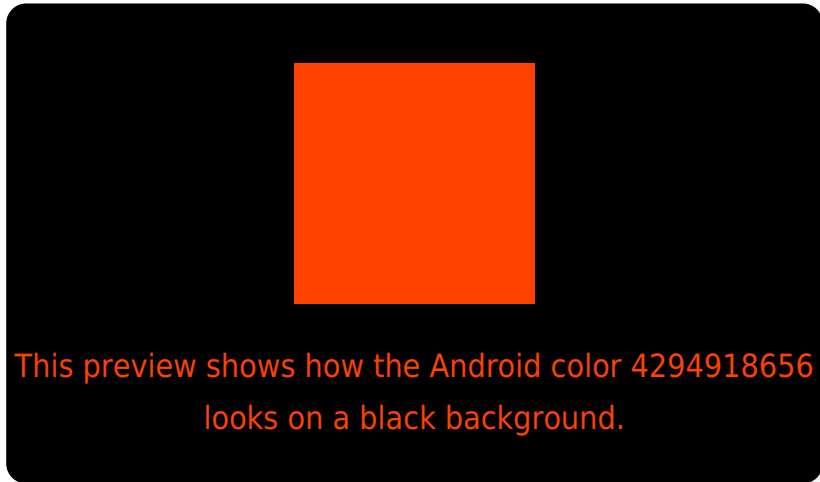
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294918656 Background



This preview shows how black text looks on a background with the Android color 4294918656.



This preview shows how white text looks on a background with the Android color 4294918656.

# 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**  
4294918656

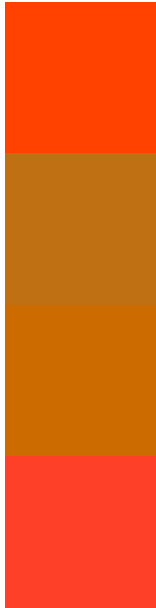
**Protanopia**  
4288383517

**Deuteranopia**  
4289626880





# Trichromacy



**Original Color**  
4294918656

**Protanomaly**  
4290736146

**Deuteranomaly**  
4291521280

**Tritanomaly**  
4294918185

# Monochromacy



**Original Color**  
4294918656

**Achromatopsia**  
4285756275

**Achromatomaly**  
4289093961

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294918656 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, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 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(255, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 0) }
```

## Border

The CSS property to change the border of an element to Android 4294918656 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, 66, 0) }
```

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

```
.border{ border-color:rgb(255, 66, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 66, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 66, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4294918656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 0) }
```

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

```
.background{ background-color: rgb(255, 66,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor