

# Converting Colors

Android(4294914824)

Have a look what the booklet for  
Android(4294914824) contains.

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**Color**

**Android(4294914824)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3308
RGB	255, 51, 8
RGB Percent	100%, 20%, 3%
CMY	0.0000, 0.8000, 0.9686
CMYK	0.00, 0.80, 0.97, 0.00
HSL	10°, 100%, 52%
HSV	10°, 97%, 100%
XYZ	42.4677, 23.6452, 2.5554
YIQ	107.0940, 135.3870, 29.8750

# Conversions

## Conversions Part 2

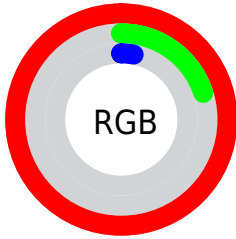
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 60, 8
Decimal	16724744
CIE <sub>Lab</sub>	55.73, 73.06, 66.41
CIE <sub>LCh</sub>	56, 98.735, 42.270
Yxy	23.6452, 0.6184, 0.3443
Android (android.graphics.Color)	4294914824 (0xFFFF3308)
YUV	107.0940, -48.8533, 129.7136
Hunter-Lab	48.6263, 70.7964, 30.9226

# Details

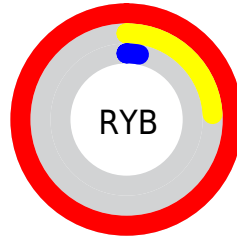
The Android color **4294914824** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **4278768895**, and the grayscale version is **4285229931**.

A 20% lighter version of the original color is **4294931522**, and **4290510848** is the 20% darker color. If you saturate the color by 10%, you get **4294913024**, and if you desaturate by 10%, it is **4294920225**.

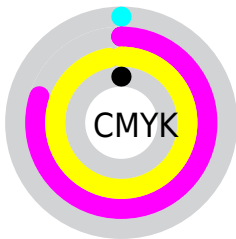
# Distribution



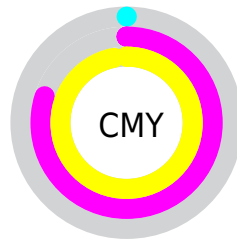
- Red (100%)
- Green (20%)
- Blue (3%)



- Red (100%)
- Yellow (24%)
- Blue (3%)



- Cyan (0%)
- Magenta (80%)
- Yellow (97%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294914824 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 4294914824 by changing the saturation by 10% instead.



 4294914824

 4294914824

4294967295

 4292673536

 4294931522

 4290510848

 4294939227

 4288348160

 4294946677

 4286185472

 4294954384

 4284153858

 4294962091

 4282187779

 4294967239

 4279762945

 4294967268

 4278190080

 4294914824

 4294914824

■ 4294913024

■ 4294920225

■ 4294925627

■ 4294931029

■ 4294936430

■ 4294941832

■ 4294947233

■ 4294952635

■ 4294958036

■ 4294963694

# Harmonies

## Analogous

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



4294901863



4294914824



4291522048

# Triad

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



4294914824



4278232397



4278224639

# Complementary

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



4294914824



4278768895

# 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.



4278230783



4294914824



4278233256

# Square

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



4294914824



4278230272



4278233081



4289615871

# Rectangle

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



4294914824



4288513280



4278233081



4278227199



# Sweetspot

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



4294914824



4294951605



4294904022



4286602067



4278190080



4286611584



# Same Dimension

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



4294914824



4294913024



4294946056



4286608755



4290715904



4282387200

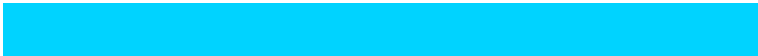


# Inverse Universe

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



4278768895



4278244351



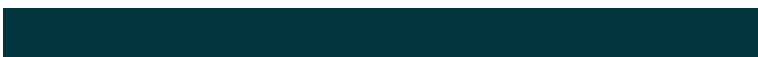
4278737663



4285758848



4278230719



4278203712



# Previews

## White Background



This preview shows how the Android color 4294914824 looks on a white background.

## Color Contrast Check

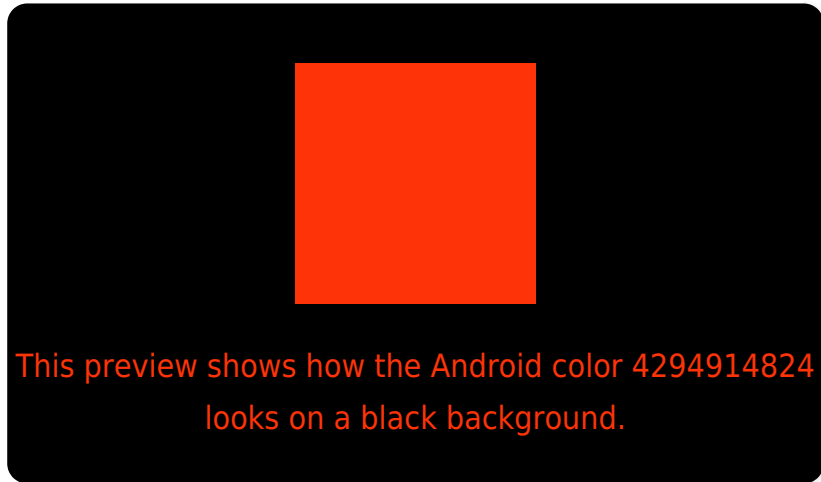
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294914824 Background



This preview shows how black text looks on a background with the Android color 4294914824.



This preview shows how white text looks on a background with the Android color 4294914824.

# 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**  
4294914824

**Protanopia**  
4288120352

**Deuteranopia**  
4289298176



# Trichromacy



**Original Color**  
4294914824

**Protanomaly**  
4290603031

**Deuteranomaly**  
4291322627

**Tritanomaly**  
4294914593

# Monochromacy



**Original Color**  
4294914824

**Achromatopsia**  
4285229931

**Achromatomaly**  
4288763719

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294914824 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, 51, 8)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 8)  
}
```

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, 51, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 8) }
```

## Border

The CSS property to change the border of an element to Android 4294914824 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, 51, 8) }
```

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

```
.border{ border-color:rgb(255, 51, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 8);  
box-shadow:4px 4px 4px 4px rgb(255, 51, 8)  
}
```

# Background

The CSS property to change the background color of an element to Android 4294914824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 8) }
```

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

```
.background{ background-color: rgb(255, 51,  
8) }
```

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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