

# Converting Colors

Android(4294289450)

Have a look what the booklet for  
Android(4294289450) contains.

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# **Color**

**Android(4294289450)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5A82A
RGB	245, 168, 42
RGB Percent	96%, 66%, 16%
CMY	0.0392, 0.3412, 0.8353
CMYK	0.00, 0.31, 0.83, 0.04
HSL	37°, 91%, 56%
HSV	37°, 83%, 96%
XYZ	52.0767, 47.5849, 8.6306
YIQ	176.6590, 86.3380, -22.8620

# Conversions

## Conversions Part 2

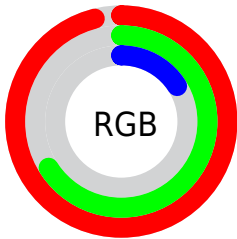
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 245, 42
Decimal	16099370
CIE <sub>Lab</sub>	74.56, 18.78, 70.23
CIE <sub>LCh</sub>	75, 72.698, 75.025
Y <sub>xy</sub>	47.5849, 0.4809, 0.4394
Android (android.graphics.Color)	4294289450 (0xFFFF5A82A)
YUV	176.6590, -66.3869, 59.9351
Hunter-Lab	68.9818, 14.0376, 40.8693

# Details

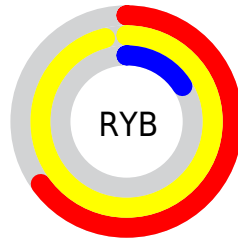
The Android color **4294289450** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4280973301**, and the grayscale version is **4289835441**.

A 20% lighter version of the original color is **4294958947**, and **4290212864** is the 20% darker color. If you saturate the color by 10%, you get **4294287121**, and if you desaturate by 10%, it is **4294291778**.

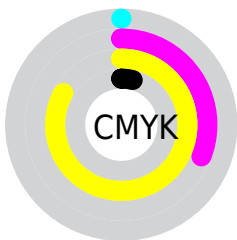
# Distribution



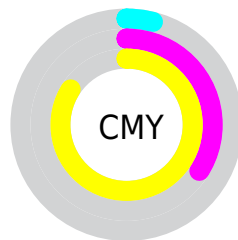
- Red (96%)
- Green (66%)
- Blue (16%)



- Red (65%)
- Yellow (96%)
- Blue (16%)



- Cyan (0%)
- Magenta (31%)
- Yellow (83%)
- Black (4%)



- Cyan (4%)
- Magenta (34%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294289450 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 4294289450 by changing the saturation by 10% instead.



 4294289450

 4294289450

4294967295

 4292251136

 4294958947

 4290212864

 4294966399

 4288240384

 4294967195

 4286268416

 4294967223

 4284361984

 4294967252

 4282587136

 4294967281

 4280942848

 4278190080

 4294289450

 4294289450

4294287121

4294291778

4294285312

4294294363

4294296692

4294299020

4294301348

4294303933

4294306262

4294308590

4294311167

# Harmonies

## Analogous

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



4294937691



4294289450



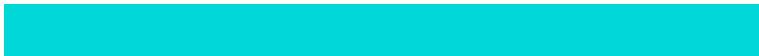
4290428706

# Triad

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



4294289450



4278245336



4293236735

# Complementary

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



4294289450



4280973301

# Split Complementary

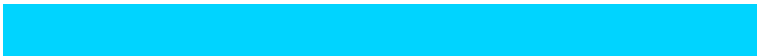
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4285772799



4294289450



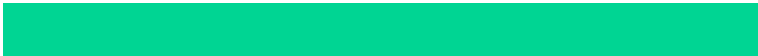
4278244607

# Square

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



4294289450



4278244755



4278241535



4294933724

# Rectangle

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



4294289450



4287220032



4278241535



4291338751



# Sweetspot

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



4294289450



4294961087



4294257272



4286607705



4278190080



4286611584



# Same Dimension

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



4294289450



4294942467



4292736298



4286215790



4290409472



4282065920



# Inverse Universe

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



4280973301



4278412031



4282526453



4285428602



4278208442



4278195771



# Previews

## White Background



This preview shows how the Android color 4294289450 looks on a white background.

## Color Contrast Check

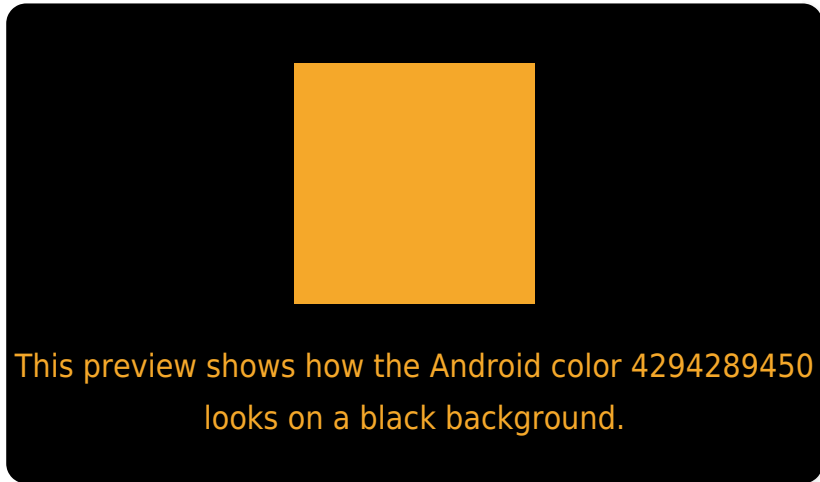
Large Text (above 18pt) WCAG AA × Fail

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 4294289450 Background



This preview shows how black text looks on a background with the Android color 4294289450.



This preview shows how white text looks on a background with the Android color 4294289450.

# 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**  
4294289450

**Protanopia**  
4291737646

**Deuteranopia**  
4293439015



**Tritanopia**  
4294745512

# Trichromacy



**Original Color**  
4294289450

**Protanomaly**  
4292653613

**Deuteranomaly**  
4293766184

**Tritanomaly**  
4294549882

# Monochromacy



**Original Color**  
4294289450

**Achromatopsia**  
4289835441

**Achromatomaly**  
4291473024

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294289450 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(245, 168, 42)` looks like.

```
.text, #text, p{  
    color:rgb(245, 168, 42)  
}
```

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(245, 168, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 168, 42) }
```

## Border

The CSS property to change the border of an element to Android 4294289450 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(245, 168, 42) }
```

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

```
.border{ border-color:rgb(245, 168, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 168, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 168, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 168, 42);  
box-shadow:4px 4px 4px 4px rgb(245, 168,  
42) }
```

# Background

The CSS property to change the background color of an element to Android 4294289450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 168, 42) }
```

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

```
.background{ background-color: rgb(245,  
168, 42) }
```

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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