

# Converting Colors

Android(4294958925)

Have a look what the booklet for  
Android(4294958925) contains.

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# **Color**

**Android(4294958925)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDF4D
RGB	255, 223, 77
RGB Percent	100%, 87%, 30%
CMY	0.0000, 0.1255, 0.6980
CMYK	0.00, 0.13, 0.70, 0.00
HSL	49°, 100%, 65%
HSV	49°, 70%, 100%
XYZ	68.9672, 74.5712, 17.7799
YIQ	215.9240, 65.9380, -38.6220

# Conversions

## Conversions Part 2

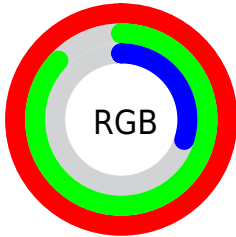
Format	Color
<a href="#">RYB</a>	<a href="#">116, 255, 77</a>
Decimal	<a href="#">16768845</a>
CIELab	<a href="#">89.19, -4.11, 72.05</a>
CIELCh	<a href="#">89, 72.166, 93.266</a>
Yxy	<a href="#">74.5712, 0.4275, 0.4623</a>
Android (android.graphics.Color)	<a href="#">4294958925 (0xFFFFDF4D)</a>
YUV	<a href="#">215.9240, -68.4895, 34.2697</a>
Hunter-Lab	<a href="#">86.3546, -8.5613, 48.2408</a>

# Details

The Android color **4294958925** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4283264511**, and the grayscale version is **4292467161**.

A 20% lighter version of the original color is **4294967173**, and **4290947072** is the 20% darker color. If you saturate the color by 10%, you get **4294957620**, and if you desaturate by 10%, it is **4294960231**.

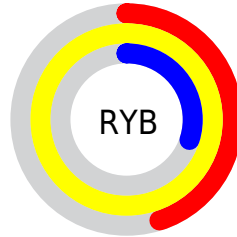
# Distribution



Red (100%)

Green (87%)

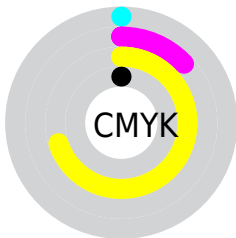
Blue (30%)



Red (45%)

Yellow (100%)

Blue (30%)

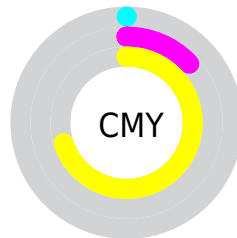


Cyan (0%)

Magenta (13%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (13%)

















Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294958925 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 4294958925 by changing the saturation by 10% instead.



 4294958925	 4294958925
4294967295	 4292920111
 4294967173	 4290947072
 4294967202	 4289039872
 4294967230	 4287132928
 4294967259	 4285291520
 4294967289	 4283450624
	 4281741056
	 4280097536
	 4278190080

■ 4294958925

■ 4294958925

■ 4294957620

■ 4294960231

■ 4294956570

■ 4294961280

■ 4294955265

■ 4294962586

■ 4294955264

■ 4294963635

■ 4294964941

■ 4294966246

4294967295

# Harmonies

## Analogous

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



4294952548



4294958925



4290310758

# Triad

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



4294958925



4278255615



4294946815

# Complementary

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



4294958925



4283264511

# 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.



4293774335



4294958925



4278253567

# Square

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



4294958925



4278255590



4284343807



4294943451

# Rectangle

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



4294958925



4286380682



4284343807



4294949119



# Sweetspot

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



4294958925



4294964681



4294921582



4286610016



4278190080



4286611584



# Same Dimension

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



4294958925



4294957097



4291297101



4286610803



4290747648



4282397696



# Inverse Universe

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



4283264511



4280897535



4286926335



4285756800



4278198975



4278192960



# Previews

## White Background



This preview shows how the Android color 4294958925 looks on a white background.

## Color Contrast Check

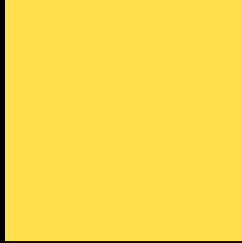
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4294958925 looks on a 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 4294958925 Background



This preview shows how black text looks on a background with the Android color 4294958925.



This preview shows how white text looks on a background with the Android color 4294958925.

# 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**  
4294958925

**Protanopia**  
4294697293

**Deuteranopia**  
4294957736



**Tritanopia**  
4294956513

# Trichromacy



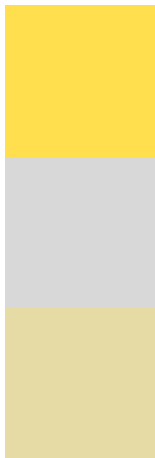
**Original Color**  
4294958925

**Protanomaly**  
4294762573

**Deuteranomaly**  
4294958215

**Tritanomaly**  
4294957483

# Monochromacy



**Original Color**  
4294958925

**Achromatopsia**  
4292401368

**Achromatomaly**  
4293319589

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294958925 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, 223, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 77)  
}
```

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, 223, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 77) }
```

## Border

The CSS property to change the border of an element to Android 4294958925 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, 223, 77) }
```

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

```
.border{ border-color:rgb(255, 223, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
77) }
```

# Background

The CSS property to change the background color of an element to Android 4294958925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 77) }
```

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

```
.background{ background-color: rgb(255,  
223, 77) }
```

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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