

Converting Colors

Android(4294951205)

Have a look what the booklet for
Android(4294951205) contains.

Android(4294951205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4294951205)

Conversions

Conversions Part 1

Format	Color
Hex	FFC125
RGB	255, 193, 37
RGB Percent	100%, 76%, 15%
CMY	0.0000, 0.2431, 0.8549
CMYK	0.00, 0.24, 0.85, 0.00
HSL	43°, 100%, 57%
HSV	43°, 85%, 100%
XYZ	60.6439, 59.5335, 10.0451
YIQ	193.7540, 87.0280, -35.3720

Conversions

Conversions Part 2

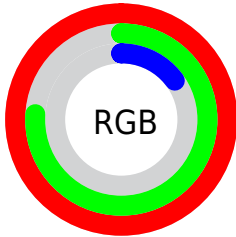
Format	Color
RYB	124, 255, 37
Decimal	16761125
CIELab	81.58, 9.83, 77.88
CIELCh	82, 78.495, 82.809
Yxy	59.5335, 0.4657, 0.4572
Android (android.graphics.Color)	4294951205 (0xFFFFC125)
YUV	193.7540, -77.2797, 53.7127
Hunter-Lab	77.1580, 5.2694, 46.2917

Details

The Android color **4294951205** 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 **4280640511**, and the grayscale version is **4290953922**.

A 20% lighter version of the original color is **4294965603**, and **4290874368** is the 20% darker color. If you saturate the color by 10%, you get **4294949388**, and if you desaturate by 10%, it is **4294953023**.

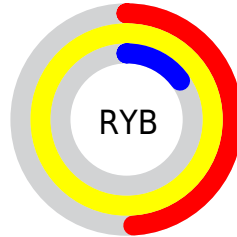
Distribution



Red (100%)

Green (76%)

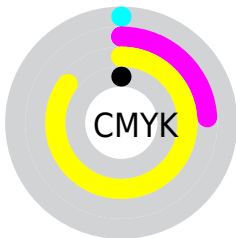
Blue (15%)



Red (49%)

Yellow (100%)

Blue (15%)

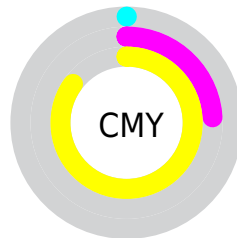


Cyan (0%)

Magenta (24%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294951205 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 4294951205 by changing the saturation by 10% instead.



4294951205



4294951205

4294967295



4292912640



4294965603



4290874368



4294967168



4288901888



4294967196



4286929408



4294967225



4285022976



4294967254



4283182336



4294967284



4281473280



4279894016



4278190080

■ 4294951205

■ 4294951205

■ 4294949388

■ 4294953023

■ 4294948352

■ 4294955096

■ 4294956914

■ 4294958731

■ 4294960549

■ 4294962622

■ 4294964440

■ 4294966257

4294967295

Harmonies

Analogous

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



4294943574



4294951205



4290435121

Triad

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



4294951205



4278251007



4294942463

Complementary

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



4294951205



4280640511

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.



4289380351



4294951205



4278249727

Square

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



4294951205



4278250678



4278245631



4294936032

Rectangle

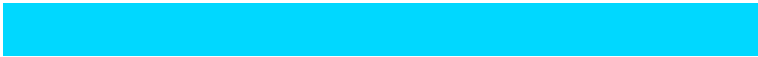
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294951205



4286571095



4278245631



4294420991

Sweetspot

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



4294951205



4294962365



4294911334



4286608472



4278190080



4286611584

Same Dimension

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



4294951205



4294948352



4292083493



4286610547



4290742528



4282396160

Inverse Universe

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



4280640511



4278209023



4283508223



4285757056



4278204095



4278194752

Previews

White Background



This preview shows how the Android color 4294951205 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 4294951205 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 4294951205 Background



This preview shows how black text looks on a background with the Android color 4294951205.



This preview shows how white text looks on a background with the Android color 4294951205.

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
4294951205

Protanopia
4293250088

Deuteranopia
4294951218



Tritanopia
4294949059

Trichromacy



Original Color
4294951205

Protanomaly
4293838887

Deuteranomaly
4294951213

Tritanomaly
4294949770

Monochromacy



Original Color
4294951205

Achromatopsia
4290953922

Achromatomaly
4292395657

CSS Examples

Text

The CSS property to change the color of the text to Android 4294951205 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, 193, 37)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 37)  
}
```

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, 193, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 37) }
```

Border

The CSS property to change the border of an element to Android 4294951205 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, 193, 37) }
```

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

```
.border{ border-color:rgb(255, 193, 37) }
```

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

Here you see how a box with a 4 pixel rgb(255, 193, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 37);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
37) }
```

Background

The CSS property to change the background color of an element to Android 4294951205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 37) }
```

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

```
.background{ background-color: rgb(255,  
193, 37) }
```

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