

# Converting Colors

Android(4294957381)

Have a look what the booklet for  
Android(4294957381) contains.

<b>Android(4294957381)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4294957381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD945
RGB	255, 217, 69
RGB Percent	100%, 85%, 27%
CMY	0.0000, 0.1490, 0.7294
CMYK	0.00, 0.15, 0.73, 0.00
HSL	48°, 100%, 64%
HSV	48°, 73%, 100%
XYZ	67.1270, 71.3154, 15.8575
YIQ	211.4900, 70.1560, -37.9720

# Conversions

## Conversions Part 2

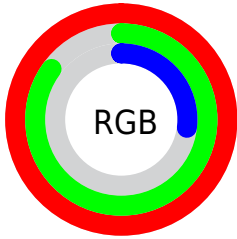
Format	Color
<a href="#">RYB</a>	<a href="#">117, 255, 69</a>
Decimal	<a href="#">16767301</a>
CIELab	<a href="#">87.64, -1.45, 73.46</a>
CIElCh	<a href="#">88, 73.475, 91.128</a>
Yxy	<a href="#">71.3154, 0.4350, 0.4622</a>
Android (android.graphics.Color)	<a href="#">4294957381 (0xFFFFD945)</a>
YUV	<a href="#">211.4900, -70.2476, 38.1583</a>
Hunter-Lab	<a href="#">84.4484, -5.8973, 47.9806</a>

# Details

The Android color **4294957381** 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 **4282739711**, and the grayscale version is **4292138196**.

A 20% lighter version of the original color is **4294967166**, and **4290945792** is the 20% darker color. If you saturate the color by 10%, you get **4294956075**, and if you desaturate by 10%, it is **4294958686**.

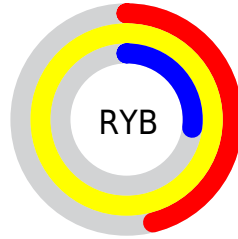
# Distribution



Red (100%)

Green (85%)

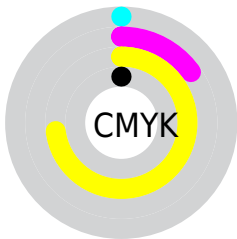
Blue (27%)



Red (46%)

Yellow (100%)

Blue (27%)

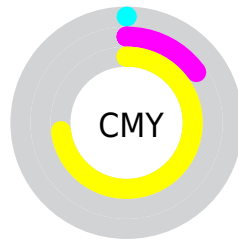


Cyan (0%)

Magenta (15%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294957381 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 4294957381 by changing the saturation by 10% instead.





4294957381



4294957381

4294967295



4292918565



4294967166



4290945792



4294967194



4288973056



4294967223



4287065856



4294967252



4285224704



4294967281



4283383808



4281674496



4280030976



4278190080

■ 4294957381

■ 4294957381

■ 4294956075

■ 4294958686

■ 4294954770

■ 4294959992

■ 4294953728

■ 4294961554

■ 4294962859

■ 4294964164

■ 4294965470

■ 4294966775

4294967295

# Harmonies

## Analogous

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



4294950752



4294957381



4290309468

# Triad

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



4294957381



4278255103



4294945791

# Complementary

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



4294957381



4282739711

# 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.



4292987135



4294957381



4278252799

# Square

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



4294957381



4278255324



4281656319



4294941916

# Rectangle

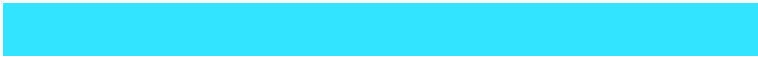
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294957381



4286379392



4281656319



4294948095



# Sweetspot

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



4294957381



4294964423



4294919533



4286609758



4278190080



4286611584



# Same Dimension

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



4294957381



4294955295



4291493701



4286610803



4290746368



4282397440



# Inverse Universe

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



4282739711



4280241407



4286203391



4285756800



4278200255



4278193472



# Previews

## White Background



This preview shows how the Android color 4294957381 looks on a white background.

## Color Contrast Check

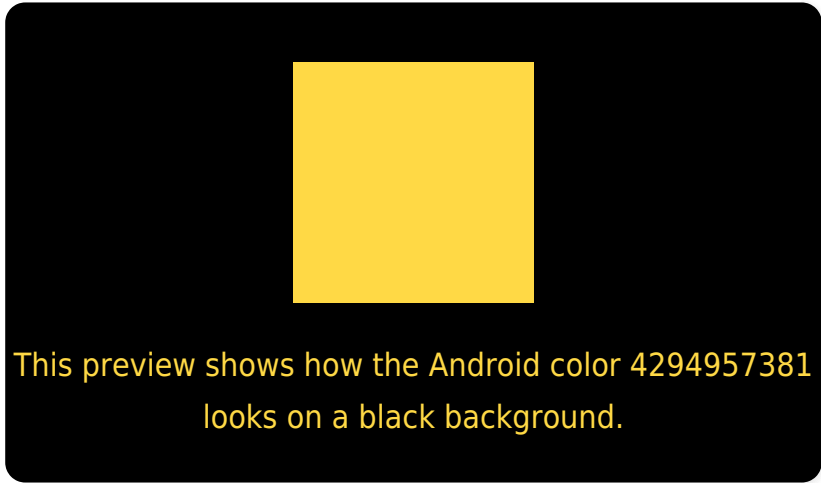
Large Text (above 18pt) WCAG AA × Fail

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 4294957381 Background



This preview shows how black text looks on a background with the Android color 4294957381.



This preview shows how white text looks on a background with the Android color 4294957381.

# 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**  
4294957381

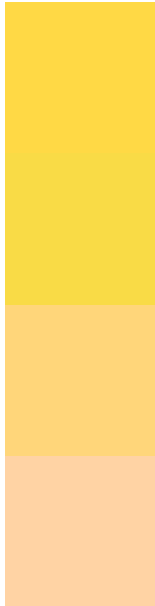
**Protanopia**  
4294368326

**Deuteranopia**  
4294956440



**Tritanopia**  
4294954971

# Trichromacy



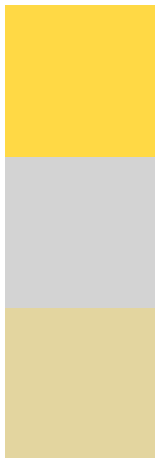
**Original Color**  
4294957381

**Protanomaly**  
4294564678

**Deuteranomaly**  
4294956666

**Tritanomaly**  
4294955940

# Monochromacy



**Original Color**  
4294957381

**Achromatopsia**  
4292072403

**Achromatomaly**  
4293121439

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294957381 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, 217, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 69)  
}
```

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, 217, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 69) }
```

## Border

The CSS property to change the border of an element to Android 4294957381 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, 217, 69) }
```

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

```
.border{ border-color:rgb(255, 217, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
69) }
```

# Background

The CSS property to change the background color of an element to Android 4294957381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 69) }
```

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

```
.background{ background-color: rgb(255,  
217, 69) }
```

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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