

# Converting Colors

Android(4294965844)

Have a look what the booklet for  
Android(4294965844) contains.

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# **Color**

**Android(4294965844)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFA54
RGB	255, 250, 84
RGB Percent	100%, 98%, 33%
CMY	0.0000, 0.0196, 0.6706
CMYK	0.00, 0.02, 0.67, 0.00
HSL	58°, 100%, 66%
HSV	58°, 67%, 100%
XYZ	77.0258, 90.2713, 21.7519
YIQ	232.5710, 56.2660, -50.5660

# Conversions

## Conversions Part 2

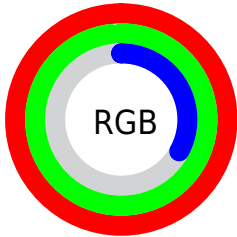
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 255, 84
Decimal	16775764
CIELab	96.11, -17.07, 76.38
CIELCh	96, 78.259, 102.597
Yxy	90.2713, 0.4074, 0.4775
Android (android.graphics.Color)	4294965844 (0xFFFFFA54)
YUV	232.5710, -73.2455, 19.6702
Hunter-Lab	95.0112, -21.5592, 52.9340

# Details

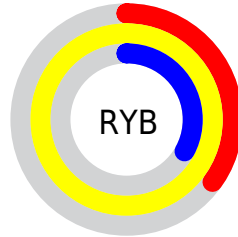
The Android color `4294965844` is a light color, and the websafe version is hex `FFFF66`. The color can be described as light muted yellow. A complement of this color would be `4283718143`, and the grayscale version is `4293519849`.

A 20% lighter version of the original color is `4294967182`, and `4291019270` is the 20% darker color. If you saturate the color by 10%, you get `4294965562`, and if you desaturate by 10%, it is `4294966125`.

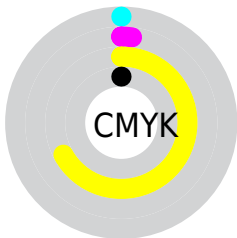
# Distribution



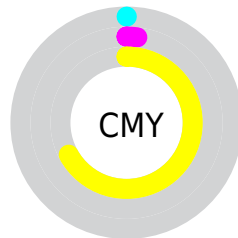
- Red (100%)
- Green (98%)
- Blue (33%)



- Red (35%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (2%)
- Yellow (67%)
- Black (0%)


















- Cyan (0%)
- Magenta (2%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294965844 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 4294965844 by changing the saturation by 10% instead.



 4294965844	 4294965844
4294967295	 4292992565
 4294967182	 4291019270
 4294967210	 4289046272
 4294967239	 4287139072
 4294967269	 4285297408
	 4283456256
	 4281680896
	 4280036608
	 4278196736

■ 4294965844

■ 4294965844

■ 4294965562

■ 4294966125

■ 4294965537

■ 4294966151

■ 4294965256

■ 4294966433

■ 4294965248

■ 4294966714

■ 4294966995

■ 4294967021

4294967295

# Harmonies

## Analogous

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



4294959198



4294965844



4289462142

# Triad

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



4294965844



4278255615



4294948863

# Complementary

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



4294965844



4283718143

# 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.



4294955775



4294965844



4278255615

# Square

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



4294965844



4278255615



4288934399



4294947031

# Rectangle

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



4294965844



4283891627



4288934399



4294950655



# Sweetspot

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



4294965844



4294966988



4294923354



4286611297



4278190080



4286611584



# Same Dimension

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



4294965844



4294965555



4289724244



4286611315



4290755072



4282400256



# Inverse Universe

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



4283718143



4281547263



4288959743



4285756288



4278191807

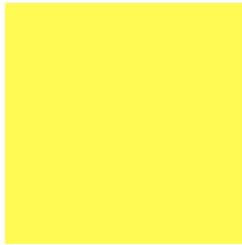


4278190656



# Previews

## White Background



This preview shows how the Android color 4294965844 looks on a white background.

## Color Contrast Check

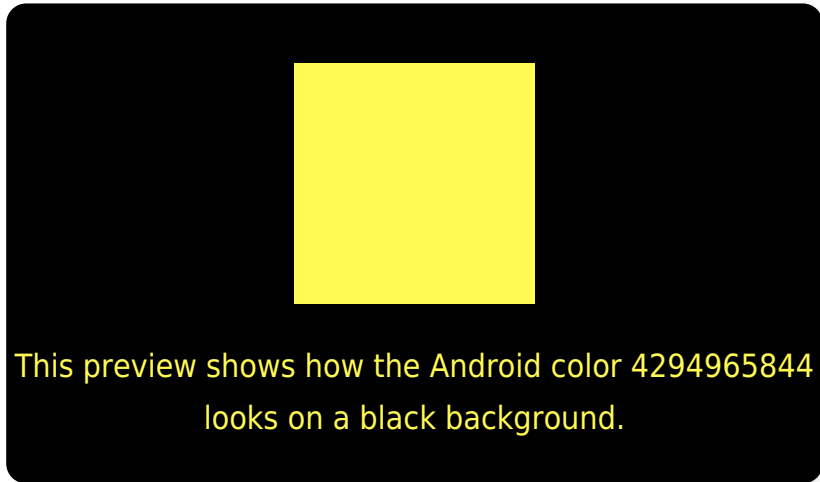
Large Text (above 18pt) WCAG AA × Fail

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 4294965844 Background



This preview shows how black text looks on a background with the Android color 4294965844.

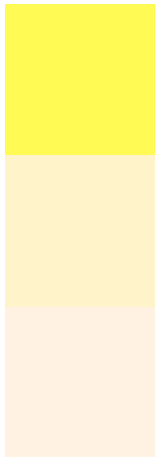


This preview shows how white text looks on a background with the Android color 4294965844.

# 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**  
4294965844

**Protanopia**  
4294964425

**Deuteranopia**  
4294963938



**Tritanopia**  
4294963447

# Trichromacy



**Original Color**  
4294965844



**Protanomaly**  
4294964894



**Deuteranomaly**  
4294964654

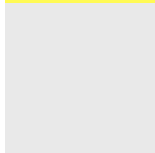


**Tritanomaly**  
4294964412

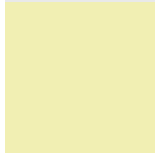
# Monochromacy



**Original Color**  
4294965844



**Achromatopsia**  
4293519849



**Achromatomaly**  
4294045619

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294965844 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, 250, 84)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 84)  
}
```

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, 250, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 84) }
```

## Border

The CSS property to change the border of an element to Android 4294965844 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, 250, 84) }
```

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

```
.border{ border-color:rgb(255, 250, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
84) }
```

# Background

The CSS property to change the background color of an element to Android 4294965844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 84) }
```

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

```
.background{ background-color: rgb(255,  
250, 84) }
```

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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