

# Converting Colors

Android(4294965109)

Have a look what the booklet for  
Android(4294965109) contains.

<b>Android(4294965109)</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(4294965109)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF775
RGB	255, 247, 117
RGB Percent	100%, 97%, 46%
CMY	0.0000, 0.0314, 0.5412
CMYK	0.00, 0.03, 0.54, 0.00
HSL	57°, 100%, 73%
HSV	57°, 54%, 100%
XYZ	77.7117, 89.0659, 29.9252
YIQ	234.5720, 46.4980, -38.7340

# Conversions

## Conversions Part 2

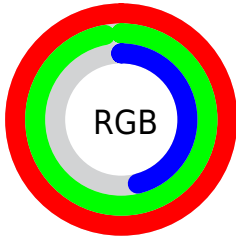
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 255, 117
Decimal	16775029
CIELab	95.61, -13.53, 62.39
CIELCh	96, 63.844, 102.234
Yxy	89.0659, 0.3951, 0.4528
Android (android.graphics.Color)	4294965109 (0xFFFFFFFF775)
YUV	234.5720, -57.9630, 17.9154
Hunter-Lab	94.3747, -18.1722, 47.2621

# Details

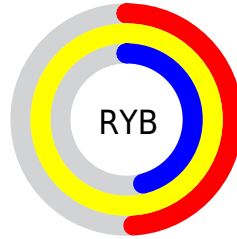
The Android color `4294965109` is a light color, and the websafe version is hex `FFFF66`. A complement of this color would be `4285890047`, and the grayscale version is `4293651435`.

A 20% lighter version of the original color is `4294967212`, and `4291084094` is the 20% darker color. If you saturate the color by 10%, you get `4294964827`, and if you desaturate by 10%, it is `4294965391`.

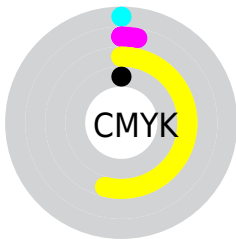
# Distribution



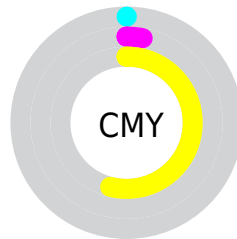
- Red (100%)
- Green (97%)
- Blue (46%)



- Red (49%)
- Yellow (100%)
- Blue (46%)



- Cyan (0%)
- Magenta (3%)
- Yellow (54%)
- Black (0%)

















- Cyan (0%)
- Magenta (3%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294965109 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 4294965109 by changing the saturation by 10% instead.



 4294965109	 4294965109
4294967295	 4292991834
 4294967212	 4291084094
 4294967241	 4289176608
 4294967270	 4287334912
	 4285493248
	 4283717632
	 4281942272
	 4280298240
	 4278196224

 4294965109

 4294965109

 4294964827

 4294965391

 4294964290

 4294965928

 4294964008

 4294966210

 4294963471

 4294966747

 4294963200

 4294967028

4294967295

# Harmonies

## Analogous

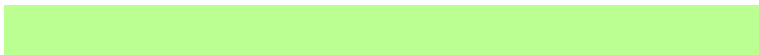
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294959739



4294965109



4290510739

# Triad

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



4294965109



4278255615



4294952191

# Complementary

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



4294965109



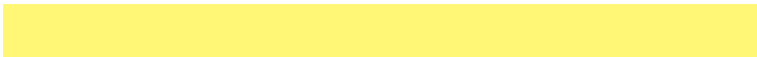
4285890047

# 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.



4294957311



4294965109



4278255615

# Square

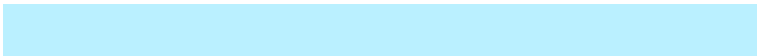
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294965109



4278255615



4290441471



4294950875

# Rectangle

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



4294965109



4286775222



4290441471



4294953727



# Sweetspot

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



4294965109



4294966742



4294931838



4286611047



4278190080



4286611584



# Same Dimension

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



4294965109



4294964569



4291034997



4286611315



4290753536



4282399744



# Inverse Universe

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



4285890047



4284048383



4289820159



4285756288



4278193087

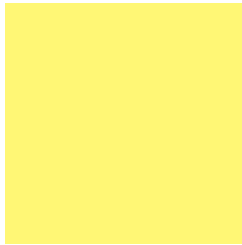


4278191168



# Previews

## White Background



This preview shows how the Android color 4294965109 looks on a white background.

## Color Contrast Check

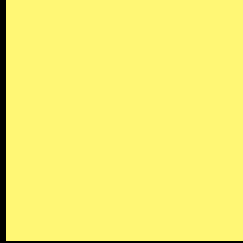
Large Text (above 18pt) WCAG AA × Fail

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 4294965109 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 4294965109 Background



This preview shows how black text looks on a background with the Android color 4294965109.

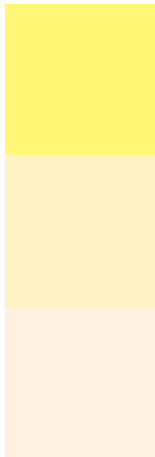


This preview shows how white text looks on a background with the Android color 4294965109.

# 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**  
4294965109

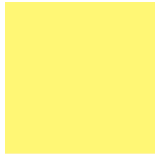
**Protanopia**  
4294963907

**Deuteranopia**  
4294963424



**Tritanopia**  
4294962934

# Trichromacy



**Original Color**  
4294965109



**Protanomaly**  
4294964391



**Deuteranomaly**  
4294964153

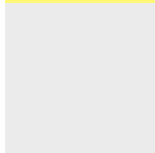


**Tritanomaly**  
4294963655

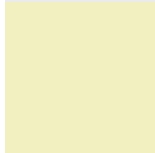
# Monochromacy



**Original Color**  
4294965109



**Achromatopsia**  
4293651435



**Achromatomaly**  
4294111168

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294965109 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, 247, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 117)  
}
```

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, 247, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 117) }
```

## Border

The CSS property to change the border of an element to Android 4294965109 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, 247, 117) }
```

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

```
.border{ border-color:rgb(255, 247, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
117) }
```

# Background

The CSS property to change the background color of an element to Android 4294965109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 117) }
```

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

```
.background{ background-color: rgb(255,  
247, 117) }
```

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