

# Converting Colors

Android(4289065984)

Have a look what the booklet for  
Android(4289065984) contains.

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# **Color**

**Android(4289065984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5F400
RGB	165, 244, 0
RGB Percent	65%, 96%, 0%
CMY	0.3529, 0.0431, 1.0000
CMYK	0.32, 0.00, 1.00, 0.04
HSL	79°, 100%, 48%
HSV	79°, 100%, 96%
XYZ	47.8677, 72.7007, 11.5097
YIQ	192.5630, 31.2400, -92.6320

# Conversions

## Conversions Part 2

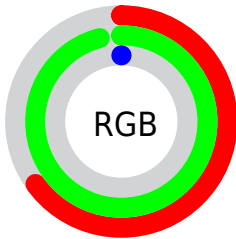
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 244, 79
Decimal	10875904
CIELab	88.30, -51.78, 85.27
CIELCh	88, 99.763, 121.270
Yxy	72.7007, 0.3624, 0.5504
Android (android.graphics.Color)	4289065984 (0xFFA5F400)
YUV	192.5630, -94.9336, -24.1728
Hunter-Lab	85.2647, -49.0031, 51.6818

# Details

The Android color `4289065984` is a dark color, and the websafe version is hex `99FF00`. The color can be described as middle saturated chartreuse. A complement of this color would be `4283367668`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4293001052`, and `4285119232` is the 20% darker color. If you saturate the color by 10%, you get `4289065984`, and if you desaturate by 10%, it is `4289590296`.

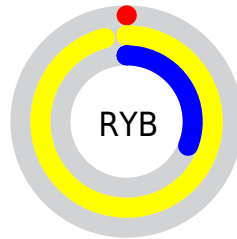
# Distribution



Red (65%)

Green (96%)

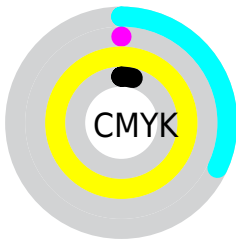
Blue (0%)



Red (0%)

Yellow (96%)

Blue (31%)

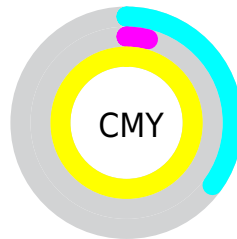


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (35%)

Magenta (4%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289065984 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 4289065984 by changing the saturation by 10% instead.



 4289065984

 4289065984

4294967295

 4287092480

 4293001052

 4285119232

 4294967162

 4283080704

 4294967192

 4280780032

 4294967222

 4278217472

 4294967252

 4278211072

 4294967282

 4278204928

 4278199296

 4278190080

 4289065984

 4289590296

 4290114609

 4290638921

 4291163234

 4291687546

 4292146322

 4292670635

 4293194947

 4293719260

# Harmonies

## Analogous

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



4294957824



4289065984



4278255484

# Triad

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



4289065984



4278255359



4294931678

# Complementary

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



4289065984



4283367668

# 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.



4294939391



4289065984



4278249727

# Square

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



4289065984



4278255615



4292723455



4294936961

# Rectangle

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



4289065984



4278255550



4292723455



4294932990

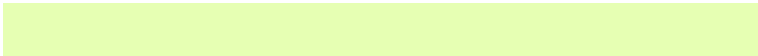


# Sweetspot

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



4289065984



4293328819



4294200576



4285628498



4278190080



4286611584



# Same Dimension

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



4289065984



4289527552



4281201664



4285954670



4286495232



4280826624



# Inverse Universe

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



4283367668



4283629823



4291231988



4285689466



4282122426

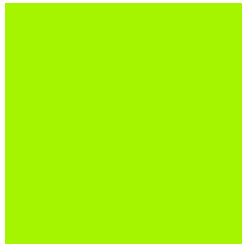


4279435323



# Previews

## White Background



This preview shows how the Android color 4289065984 looks on a white background.

## Color Contrast Check

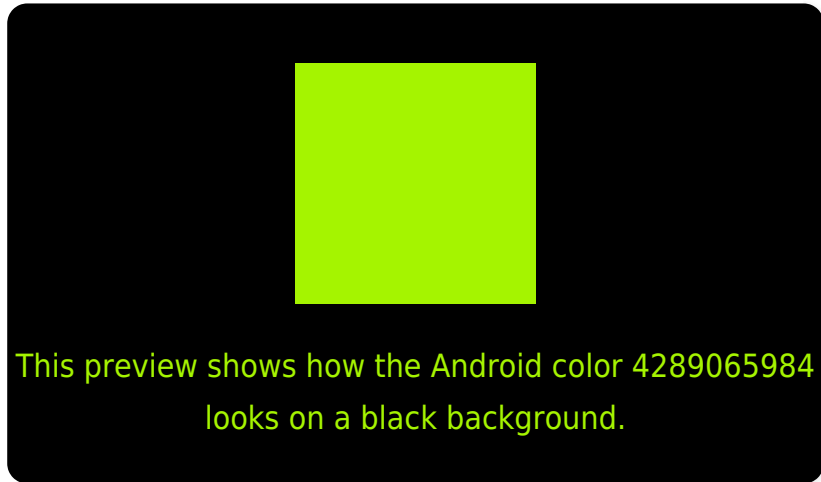
Large Text (above 18pt) WCAG AA × Fail

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 4289065984 Background



This preview shows how black text looks on a background with the Android color 4289065984.



This preview shows how white text looks on a background with the Android color 4289065984.

# 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**  
4289065984

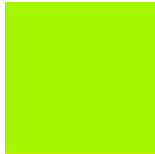
**Protanopia**  
4294565120

**Deuteranopia**  
4294956697



**Tritanopia**  
4290634741

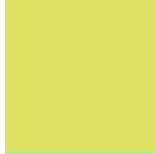
# Trichromacy



**Original Color**  
4289065984



**Protanomaly**  
4292535552



**Deuteranomaly**  
4292796769

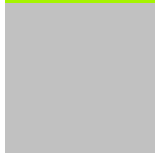


**Tritanomaly**  
4290046364

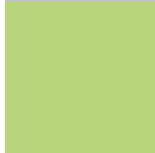
# Monochromacy



**Original Color**  
4289065984



**Achromatopsia**  
4290888129



**Achromatomaly**  
4290237563

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289065984 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(165, 244, 0)` looks like.

```
.text, #text, p{  
    color:rgb(165, 244, 0)  
}
```

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(165, 244, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 244, 0) }
```

## Border

The CSS property to change the border of an element to Android 4289065984 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(165, 244, 0) }
```

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

```
.border{ border-color:rgb(165, 244, 0) }
```

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

Here you see how a box with a 4 pixel rgb(165, 244, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 244, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 244, 0);  
box-shadow:4px 4px 4px 4px rgb(165, 244,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4289065984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 244, 0) }
```

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

```
.background{ background-color: rgb(165,  
244, 0) }
```

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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