

# Converting Colors

Android(4291359065)

Have a look what the booklet for  
Android(4291359065) contains.

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# **Color**

**Android(4291359065)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8F159
RGB	200, 241, 89
RGB Percent	78%, 95%, 35%
CMY	0.2157, 0.0549, 0.6510
CMYK	0.17, 0.00, 0.63, 0.05
HSL	76°, 84%, 65%
HSV	76°, 63%, 95%
XYZ	57.0779, 75.9112, 21.0952
YIQ	211.4130, 24.3560, -55.9640

# Conversions

## Conversions Part 2

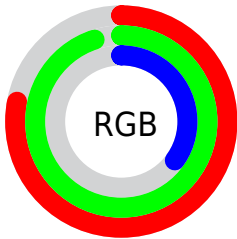
Format	Color
<a href="#">RYB</a>	<a href="#">89, 241, 130</a>
Decimal	<a href="#">13168985</a>
<a href="#">CIELab</a>	<a href="#">89.82, -34.27, 66.72</a>
<a href="#">CIElCh</a>	<a href="#">90, 75.006, 117.190</a>
<a href="#">Yxy</a>	<a href="#">75.9112, 0.3704, 0.4927</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291359065 (0xFFC8F159)</a>
<a href="#">YUV</a>	<a href="#">211.4130, -60.3496, -10.0092</a>
<a href="#">Hunter-Lab</a>	<a href="#">87.1270, -35.5350, 46.6336</a>

# Details

The Android color `4291359065` is a light color, and the websafe version is hex `CCFF66`. The color can be described as light muted yellow. A complement of this color would be `4286732785`, and the grayscale version is `4292138196`.

A 20% lighter version of the original color is `4294967185`, and `4287609114` is the 20% darker color. If you saturate the color by 10%, you get `4290900289`, and if you desaturate by 10%, it is `4291817841`.

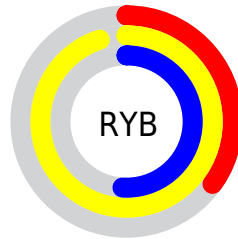
# Distribution



Red (78%)

Green (95%)

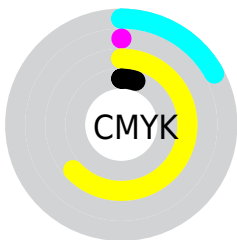
Blue (35%)



Red (35%)

Yellow (95%)

Blue (51%)

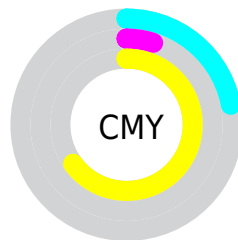


Cyan (17%)

Magenta (0%)

Yellow (63%)

Black (5%)



Cyan (22%)

Magenta (5%)
















Yellow (65%)

# Brightness & Saturation Gradients


These gradients show how the Android color 4291359065 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 4291359065 by changing the saturation by 10% instead.



 4291359065	 4291359065
4294967295	 4289451324
 4294967185	 4287609114
 4294967213	 4285701632
 4294967242	 4283925504
 4294967271	 4282149376
	 4280111616
	 4278204928
	 4278199552
	 4278190080

 4291359065

 4291359065

 4290900289

 4291817841

 4290507049

 4292211081

 4290048273

 4292669857

 4289786112

 4293063097

 4293521873

 4293915114

 4294373887

 4294767103

 4294963711

# Harmonies

## Analogous

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



4294958152



4291359065



4285005457

# Triad

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



4291359065



4278255103



4294943212

# Complementary

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



4291359065



4286732785

# 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.



4294948095



4291359065



4278250751

# Square

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



4291359065



4278255615



4292399871



4294944932

# Rectangle

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



4291359065



4278255552



4292399871



4294944255

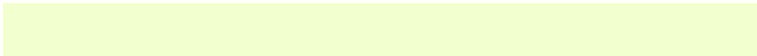


# Sweetspot

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



4291359065



4294115279



4294017625



4286087266



4278190080



4286611584



# Same Dimension

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



4291359065



4291559229



4286378329



4285888620



4287019008



4280891392



# Inverse Universe

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



4286732785



4285611519



4291713521



4285492344



4281467064

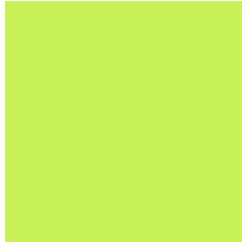


4279173176



# Previews

## White Background



This preview shows how the Android color 4291359065 looks on a white background.

## Color Contrast Check

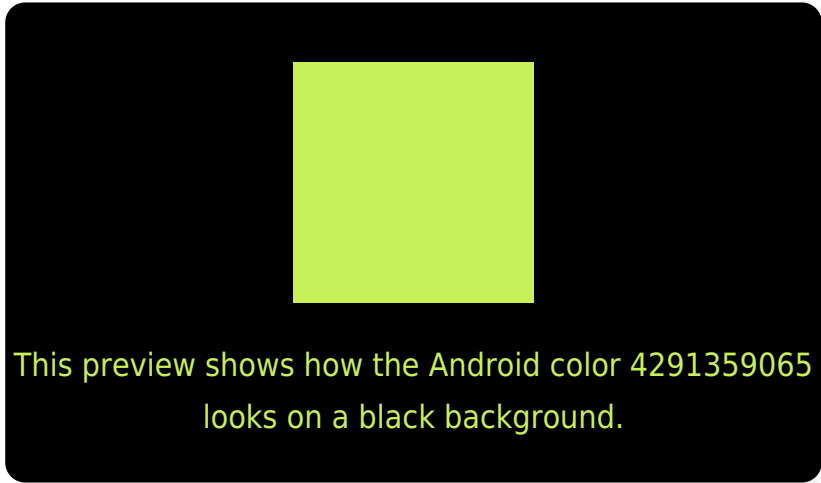
Large Text (above 18pt) WCAG AA × Fail

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 4291359065 Background



This preview shows how black text looks on a background with the Android color 4291359065.

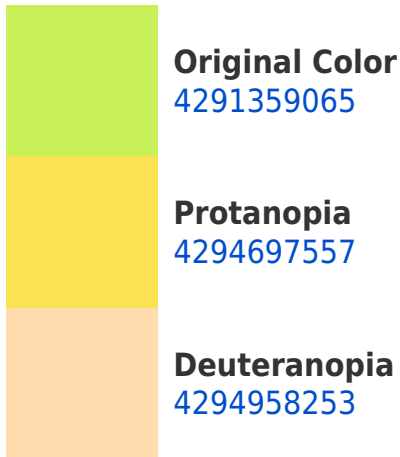


This preview shows how white text looks on a background with the Android color 4291359065.

# Color Blindness Simulation

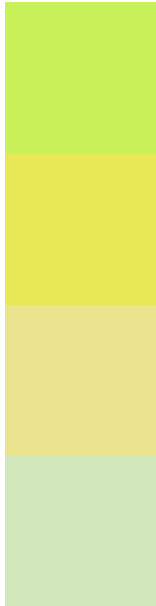
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



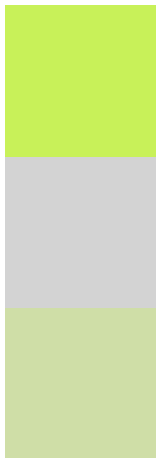
**Original Color**  
4291359065

**Protanomaly**  
4293453654

**Deuteranomaly**  
4293649550

**Tritanomaly**  
4292077500

# Monochromacy



**Original Color**  
4291359065

**Achromatopsia**  
4292072403

**Achromatomaly**  
4291813031

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291359065 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(200, 241, 89)` looks like.

```
.text, #text, p{  
    color:rgb(200, 241, 89)  
}
```

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(200, 241, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 241, 89) }
```

## Border

The CSS property to change the border of an element to Android 4291359065 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(200, 241, 89) }
```

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

```
.border{ border-color:rgb(200, 241, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 241, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 241, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 241, 89);  
box-shadow:4px 4px 4px 4px rgb(200, 241,  
89) }
```

# Background

The CSS property to change the background color of an element to Android 4291359065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 241, 89) }
```

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

```
.background{ background-color: rgb(200,  
241, 89) }
```

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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