

# Converting Colors

Android(4280409709)

Have a look what the booklet for  
Android(4280409709) contains.

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**Color**

**Android(4280409709)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21DE6D
RGB	33, 222, 109
RGB Percent	13%, 87%, 43%
CMY	0.8706, 0.1294, 0.5725
CMYK	0.85, 0.00, 0.51, 0.13
HSL	144°, 74%, 50%
HSV	144°, 85%, 87%
XYZ	29.5088, 53.6700, 23.2721
YIQ	152.6070, -76.3710, -75.2110

# Conversions

## Conversions Part 2

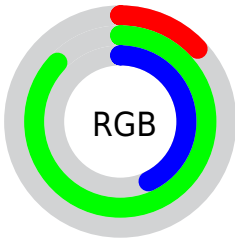
Format	Color
<a href="#">RYB</a>	<a href="#">33, 168, 222</a>
Decimal	<a href="#">2219629</a>
CIELab	<a href="#">78.27, -67.77, 42.95</a>
CIELCh	<a href="#">78, 80.234, 147.632</a>
Yxy	<a href="#">53.6700, 0.2772, 0.5042</a>
Android (android.graphics.Color)	<a href="#">4280409709 (0xFF21DE6D)</a>
YUV	<a href="#">152.6070, -21.4983, -104.8953</a>
Hunter-Lab	<a href="#">73.2598, -56.3055, 32.4475</a>

# Details

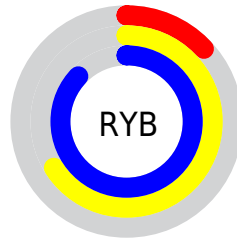
The Android color **4280409709** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **4292747666**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4285792162**, and **4278232378** is the 20% darker color. If you saturate the color by 10%, you get **4278967904**, and if you desaturate by 10%, it is **4281851514**.

# Distribution



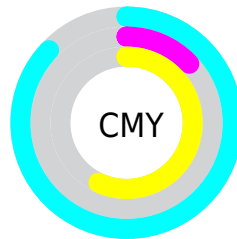
- Red (13%)
- Green (87%)
- Blue (43%)



- Red (13%)
- Yellow (66%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (51%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280409709 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 4280409709 by changing the saturation by 10% instead.





4280409709



4280409709

4294967295



4278239571



4285792162



4278232378



4287889342



4278225440



4289986522



4278218496



4292018167



4278211840



4294049791



4278205440



4278199040



4278190080



4280409709



4280409709

■ 4278967904

■ 4281851514

■ 4278247001

■ 4283293320

■ 4284800661

■ 4286242466

■ 4287684271

■ 4289126077

■ 4290567882

■ 4292075223

■ 4293517028

# Harmonies

## Analogous

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



4288860457



4280409709



4278248633

# Triad

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



4280409709



4278242559



4294934657

# Complementary

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



4280409709



4292747666

# 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.



4294932427



4280409709



4290097407

# Square

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



4280409709



4278246911



4294938367



4294942272

# Rectangle

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



4280409709



4278248685



4294938367



4294932889

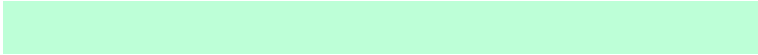


# Sweetspot

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



4280409709



4290641879



4287815201



4283990120



4278190080



4286611584



# Same Dimension

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



4280409709



4278255463



4280409803



4284837993



4278235207



4278202387



# Inverse Universe

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



4292747666



4294901912



4292747572



4285556076



4289724521

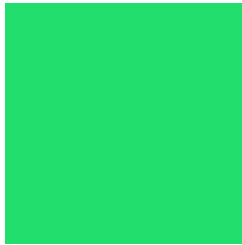


4281335837



# Previews

## White Background



This preview shows how the Android color 4280409709 looks on a white background.

## Color Contrast Check

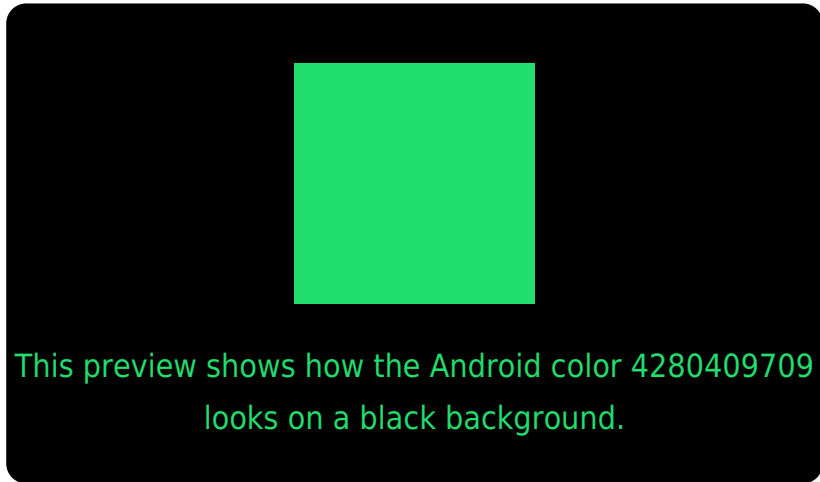
Large Text (above 18pt) WCAG AA × Fail

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 4280409709 Background



This preview shows how black text looks on a background with the Android color 4280409709.

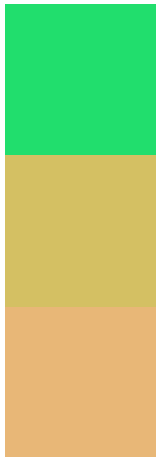


This preview shows how white text looks on a background with the Android color 4280409709.

# 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**  
4280409709

**Protanopia**  
4292132963

**Deuteranopia**  
4293441399



# Trichromacy



**Original Color**

4280409709



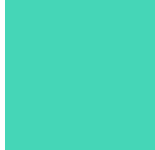
**Protanomaly**

4287875943



**Deuteranomaly**

4288726387



**Tritanomaly**

4282767031

# Monochromacy



**Original Color**

4280409709



**Achromatopsia**

4288256409



**Achromatomaly**

4285379209

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280409709 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(33, 222, 109)` looks like.

```
.text, #text, p{  
    color:rgb(33, 222, 109)  
}
```

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(33, 222, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 222, 109) }
```

## Border

The CSS property to change the border of an element to Android 4280409709 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(33, 222, 109) }
```

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

```
.border{ border-color:rgb(33, 222, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 222, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 222, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 222, 109);  
box-shadow:4px 4px 4px 4px rgb(33, 222,  
109) }
```

# Background

The CSS property to change the background color of an element to Android 4280409709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 222, 109) }
```

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

```
.background{ background-color: rgb(33, 222,  
109) }
```

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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