

# Converting Colors

Android(4279166586)

Have a look what the booklet for  
Android(4279166586) contains.

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**Color**

**Android(4279166586)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EE67A
RGB	14, 230, 122
RGB Percent	5%, 90%, 48%
CMY	0.9451, 0.0980, 0.5216
CMYK	0.94, 0.00, 0.47, 0.10
HSL	150°, 89%, 48%
HSV	150°, 94%, 90%
XYZ	31.9908, 58.0921, 27.9392
YIQ	153.1040, -94.0680, -79.3800

# Conversions

## Conversions Part 2

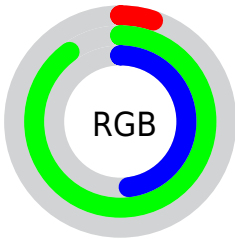
Format	Color
<a href="#">RYB</a>	<a href="#">14, 158, 230</a>
Decimal	<a href="#">976506</a>
CIELab	<a href="#">80.79, -69.40, 39.79</a>
CIELCh	<a href="#">81, 79.993, 150.172</a>
Yxy	<a href="#">58.0921, 0.2711, 0.4922</a>
Android (android.graphics.Color)	<a href="#">4279166586 (0xFF0EE67A)</a>
YUV	<a href="#">153.1040, -15.3343, -121.9942</a>
Hunter-Lab	<a href="#">76.2182, -58.4607, 31.6189</a>




# Details

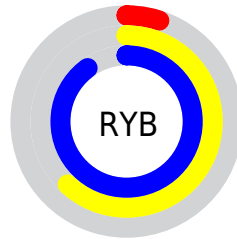
The Android color **4279166586** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **4293267066**, and the grayscale version is **4288256409**.




A 20% lighter version of the original color is **4285530032**, and **4278234439** is the 20% darker color. If you saturate the color by 10%, you get **4278249075**, and if you desaturate by 10%, it is **4280673926**.

# Distribution







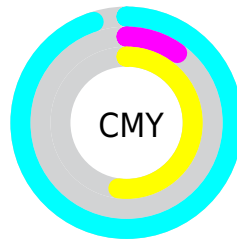
-  Red (5%)
-  Green (90%)
-  Blue (48%)






-  Red (5%)
-  Yellow (62%)
-  Blue (90%)



-  Cyan (94%)
-  Magenta (0%)
-  Yellow (47%)
-  Black (10%)



-  Cyan (95%)
-  Magenta (10%)
-  Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279166586 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 4279166586 by changing the saturation by 10% instead.



 4279166586

 4279166586

4294967295

 4278241632

 4285530032

 4278234439

 4287692748

 4278227246

 4289855464

 4278220307

 4291887103

 4278213632

 4293984255

 4278206976

 4278200832

 4278191360

 4278190080

■ 4279166586

■ 4279166586

■ 4278249075

■ 4280673926

■ 4282181265

■ 4283688604

■ 4285195944

■ 4286703283

■ 4288210623

■ 4289717963

■ 4291225302

■ 4292732642

# Harmonies

## Analogous

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



4288928311



4279166586



4278250439

# Triad

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



4279166586



4278243839



4294937218

# Complementary

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



4279166586



4293267066

# 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.



4294934219



4279166586



4291278079

# Square

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



4279166586



4278248447



4294939647



4294944834

# Rectangle

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



4279166586



4278250746



4294939647



4294935449

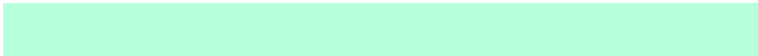


# Sweetspot

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



4279166586



4290314203



4286244366



4283727978



4278190080



4286611584



# Same Dimension

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



4279166586



4278255488



4279166694



4284969837



4278235993



4278203162



# Inverse Universe

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



4293267066



4294901888



4293266958



4285753197



4289921113

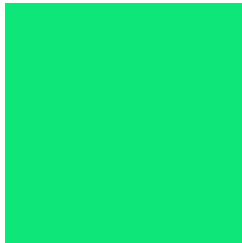


4281532442



# Previews

## White Background



This preview shows how the Android color 4279166586 looks on a white background.

## Color Contrast Check

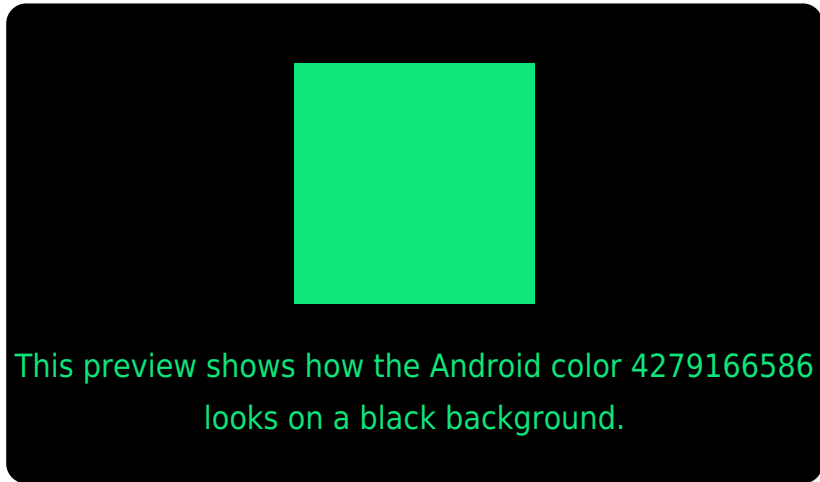
Large Text (above 18pt) WCAG AA × Fail

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 4279166586 Background



This preview shows how black text looks on a background with the Android color 4279166586.

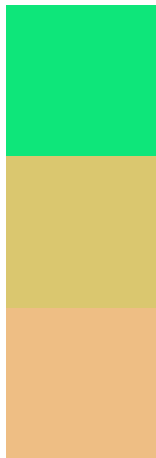


This preview shows how white text looks on a background with the Android color 4279166586.

# 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**  
4279166586

**Protanopia**  
4292527983

**Deuteranopia**  
4293836420



# Trichromacy



**Original Color**

4279166586



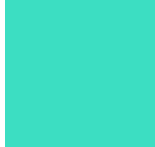
**Protanomaly**

4287681139



**Deuteranomaly**

4288531840



**Tritanomaly**

4282179266

# Monochromacy



**Original Color**

4279166586



**Achromatopsia**

4288256409



**Achromatomaly**

4284921230

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279166586 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(14, 230, 122)` looks like.

```
.text, #text, p{  
    color:rgb(14, 230, 122)  
}
```

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(14, 230, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 230, 122) }
```

## Border

The CSS property to change the border of an element to Android 4279166586 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(14, 230, 122) }
```

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

```
.border{ border-color:rgb(14, 230, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 230, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 230, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 230, 122);  
box-shadow:4px 4px 4px 4px rgb(14, 230,  
122) }
```

# Background

The CSS property to change the background color of an element to Android 4279166586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 230, 122) }
```

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

```
.background{ background-color: rgb(14, 230,  
122) }
```

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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