

# Converting Colors

Android(4278904858)

Have a look what the booklet for  
Android(4278904858) contains.

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# **Color**

**Android(4278904858)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0AE81A
RGB	10, 232, 26
RGB Percent	4%, 91%, 10%
CMY	0.9608, 0.0902, 0.8980
CMYK	0.96, 0.00, 0.89, 0.09
HSL	124°, 92%, 47%
HSV	124°, 96%, 91%
XYZ	29.1682, 57.8523, 10.6066
YIQ	142.1380, -66.1860, -111.1300

# Conversions

## Conversions Part 2

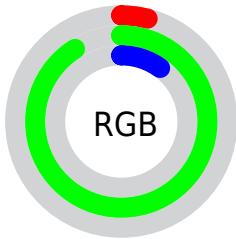
Format	Color
<a href="#">RYB</a>	<a href="#">10, 217, 232</a>
Decimal	<a href="#">714778</a>
CIELab	<a href="#">80.66, -79.37, 74.63</a>
CIELCh	<a href="#">81, 108.940, 136.764</a>
Yxy	<a href="#">57.8523, 0.2988, 0.5926</a>
Android (android.graphics.Color)	<a href="#">4278904858 (0xFF0AE81A)</a>
YUV	<a href="#">142.1380, -57.2560, -115.8850</a>
Hunter-Lab	<a href="#">76.0607, -64.6540, 44.9746</a>

# Details

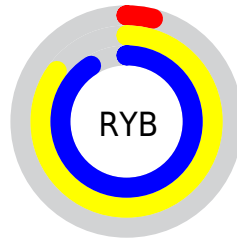
The Android color `4278904858` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4293397208`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4285792096`, and `4278234624` is the 20% darker color. If you saturate the color by 10%, you get `4278249489`, and if you desaturate by 10%, it is `4280412208`.

# Distribution



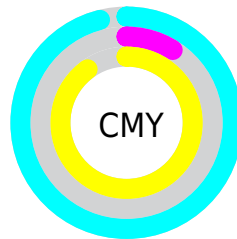
- Red (4%)
- Green (91%)
- Blue (10%)



- Red (4%)
- Yellow (85%)
- Blue (91%)



- Cyan (96%)
- Magenta (0%)
- Yellow (89%)
- Black (9%)



- Cyan (96%)
- Magenta (9%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278904858 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 4278904858 by changing the saturation by 10% instead.



 4278904858

 4278904858

4294967295

 4278242048

 4285792096

 4278234624

 4288020349

 4278227712

 4290183066

 4278220544

 4292280247

 4278213888

 4294377428

 4278207232

 4294967282

 4278200832

 4278191104

 4278190080

■ 4278904858

■ 4278904858

■ 4278249489

■ 4280412208

■ 4281919557

■ 4283492443

■ 4284999792

■ 4286507142

■ 4288014491

■ 4289521841

■ 4291094726

■ 4292602076

# Harmonies

## Analogous

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



4290565376



4278904858



4278251926

# Triad

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



4278904858



4278248191



4294919316

# Complementary

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



4278904858



4293397208

# 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.



4294921466



4278904858



4278239743

# Square

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



4278904858



4278251775



4294938111



4294934574

# Rectangle

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



4278904858



4278252765



4294938111



4294916534

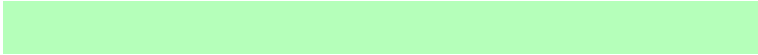


# Sweetspot

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



4278904858



4290117562



4292470794



4283662422



4278190080



4286611584



# Same Dimension

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



4278904858



4278255378



4278904968



4284969832



4278235917



4278203140



# Inverse Universe

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



4293397208



4294901997



4293397098



4285753202



4289921190

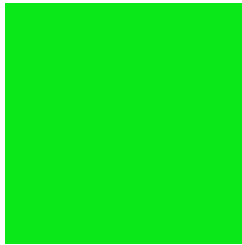


4281532463



# Previews

## White Background



This preview shows how the Android color 4278904858 looks on a white background.

## Color Contrast Check

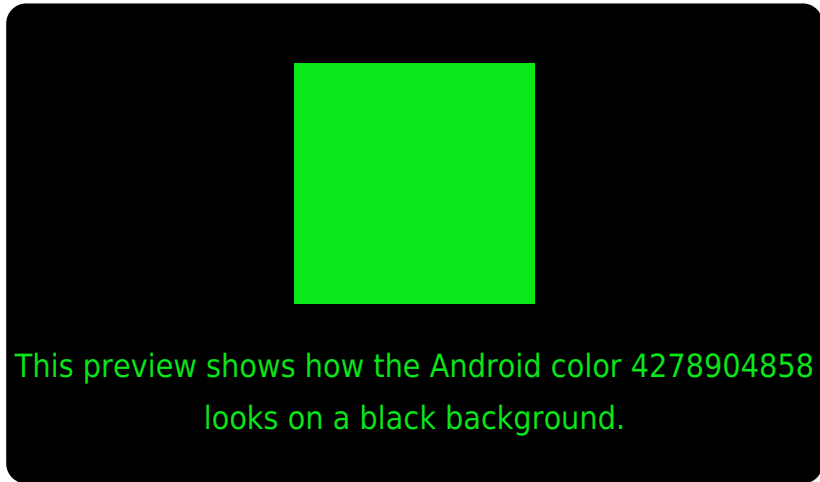
Large Text (above 18pt) WCAG AA × Fail

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 4278904858 Background



This preview shows how black text looks on a background with the Android color 4278904858.

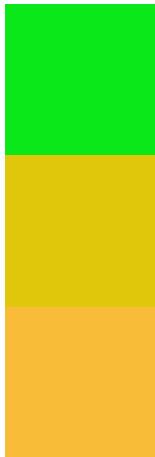


This preview shows how white text looks on a background with the Android color 4278904858.

# 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



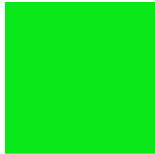
**Original Color**  
4278904858

**Protanopia**  
4292921100

**Deuteranopia**  
4294556728



# Trichromacy



**Original Color**

4278904858



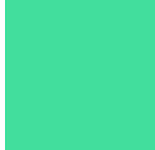
**Protanomaly**

4287812369



**Deuteranomaly**

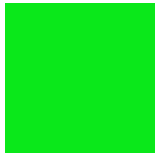
4288859181



**Tritanomaly**

4282506910

# Monochromacy



**Original Color**

4278904858



**Achromatopsia**

4287532686



**Achromatomaly**

4284395364

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278904858 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(10, 232, 26)` looks like.

```
.text, #text, p{  
    color:rgb(10, 232, 26)  
}
```

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(10, 232, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 232, 26) }
```

## Border

The CSS property to change the border of an element to Android 4278904858 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(10, 232, 26) }
```

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

```
.border{ border-color:rgb(10, 232, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 232, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 232, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 232, 26);  
box-shadow:4px 4px 4px 4px rgb(10, 232,  
26) }
```

# Background

The CSS property to change the background color of an element to Android 4278904858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 232, 26) }
```

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

```
.background{ background-color: rgb(10, 232,  
26) }
```

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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