

# Converting Colors

Android(4278248202)

Have a look what the booklet for  
Android(4278248202) contains.

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# **Color**

**Android(4278248202)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00E30A                        |
| RGB         | 0, 227, 10                    |
| RGB Percent | 0%, 89%, 4%                   |
| CMY         | 1.0000, 0.1098, 0.9608        |
| CMYK        | 1.00, 0.00, 0.96, 0.11        |
| HSL         | 123°, 100%, 45%               |
| HSV         | 123°, 100%, 89%               |
| XYZ         | 27.5239, 54.9601, 9.4449      |
| YIQ         | 134.3890, -65.6350, -115.6110 |

# Conversions

## Conversions Part 2

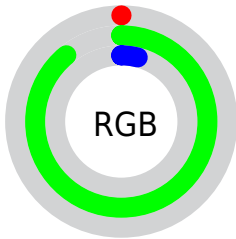
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">0, 217, 227</a>                       |
| Decimal                             | <a href="#">58122</a>                             |
| CIELab                              | <a href="#">79.02, -78.77, 75.29</a>              |
| CIELCh                              | <a href="#">79, 108.962, 136.292</a>              |
| Yxy                                 | <a href="#">54.9601, 0.2994,<br/>0.5979</a>       |
| Android<br>(android.graphics.Color) | <a href="#">4278248202<br/>(0xFF00E30A)</a>       |
| YUV                                 | <a href="#">134.3890, -61.3238,<br/>-117.8592</a> |
| Hunter-Lab                          | <a href="#">74.1351, -63.4653,<br/>44.3410</a>    |

# Details

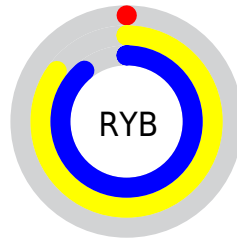
The Android color `4278248202` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4293066969`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285595481`, and `4278233600` is the 20% darker color. If you saturate the color by 10%, you get `4278248202`, and if you desaturate by 10%, it is `4279755552`.

# Distribution



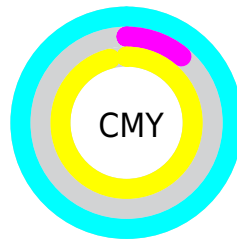
- Red (0%)
- Green (89%)
- Blue (4%)



- Red (0%)
- Yellow (85%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (96%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278248202 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 4278248202 by changing the saturation by 10% instead.



 4278248202

 4278248202

4294967295

 4278240768

 4285595481

 4278233600

 4287823735

 4278226432

 4289986452

 4278219520

 4292083633

 4278212608

 4294180814

 4278206464

 4294967276

 4278199552

 4278190080

 4278248202

 4279755552

 4281197365

 4282704715


 4284212065

 4285719414

 4287161228

 4288668578

 4290175928

 4291617741

# Harmonies

## Analogous

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



4290367488



4278248202



4278250640

# Triad

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



4278248202



4278246911



4294916754

# Complementary

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



4278248202



4293066969

# 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.



4294919927



4278248202



4278238975

# Square

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



4278248202



4278250751



4294937087



4294933036

# Rectangle

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



4278248202



4278251479



4294937087



4294913715

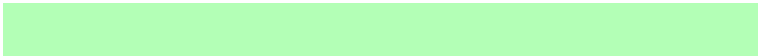


# Sweetspot

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



4278248202



4289986486



4292600576



4283596884



4278190080



4286611584



# Same Dimension

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



4278248202



4278255371



4278248313



4284969832



4278235912



4278203138



# Inverse Universe

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



4293066969



4294902004



4293066858



4285753202



4289921195

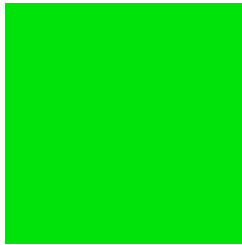


4281532465



# Previews

## White Background



This preview shows how the Android color 4278248202 looks on a white background.

## Color Contrast Check

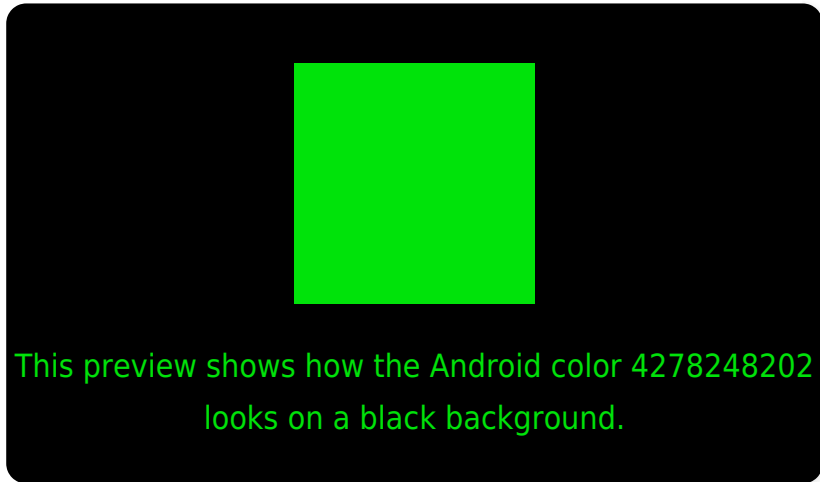
Large Text (above 18pt) WCAG AA × Fail

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

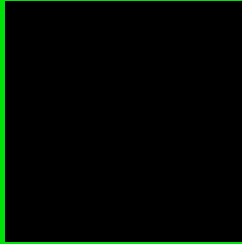
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

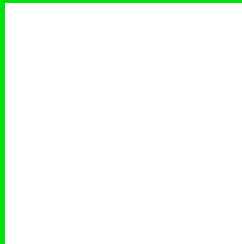
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278248202 Background



This preview shows how black text looks on a background with the Android color 4278248202.



This preview shows how white text looks on a background with the Android color 4278248202.

# Color Blindness Simulation

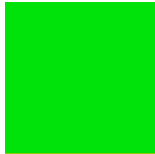
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4278248202



**Protanomaly**

4287352324



**Deuteranomaly**

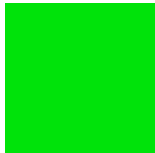
4288399395



**Tritanomaly**

4282177941

# Monochromacy



**Original Color**

4278248202



**Achromatopsia**

4287006342



**Achromatomaly**

4283803737

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278248202 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(0, 227, 10)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 10)  
}
```

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(0, 227, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 10) }
```

## Border

The CSS property to change the border of an element to Android 4278248202 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(0, 227, 10) }
```

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

```
.border{ border-color:rgb(0, 227, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 227, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 10);  
box-shadow:4px 4px 4px 4px rgb(0, 227, 10)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278248202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 10) }
```

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

```
.background{ background-color: rgb(0, 227,  
10) }
```

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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