

# Converting Colors

Android(4278632458)

Have a look what the booklet for  
Android(4278632458) contains.

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**Color**

**Android(4278632458)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 06C00A                       |
| RGB         | 6, 192, 10                   |
| RGB Percent | 2%, 75%, 4%                  |
| CMY         | 0.9765, 0.2471, 0.9608       |
| CMYK        | 0.97, 0.00, 0.95, 0.25       |
| HSL         | 121°, 94%, 39%               |
| HSV         | 121°, 97%, 75%               |
| XYZ         | 18.9795, 37.7599, 6.5752     |
| YIQ         | 115.6380, -52.4340, -96.0340 |

# Conversions

## Conversions Part 2

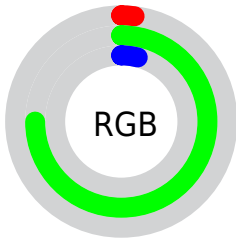
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| R <sub>Y</sub> B                    | 6, 188, 192                     |
| Decimal                             | 442378                          |
| CIE Lab                             | 67.84, -69.14, 66.09            |
| CIE LCh                             | 68, 95.651, 136.293             |
| Yxy                                 | 37.7599, 0.2998,<br>0.5964      |
| Android<br>(android.graphics.Color) | 4278632458<br>(0xFF06C00A)      |
| YUV                                 | 115.6380, -52.0795,<br>-96.1525 |
| Hunter-Lab                          | 61.4491, -52.4033,<br>36.6702   |

# Details

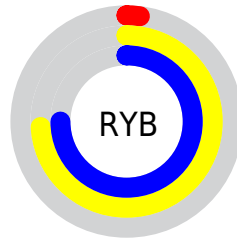
The Android color **4278632458** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **4290774716**, and the grayscale version is **4285822068**.

A 20% lighter version of the original color is **4285004370**, and **4278225152** is the 20% darker color. If you saturate the color by 10%, you get **4278239236**, and if you desaturate by 10%, it is **4279877661**.

# Distribution



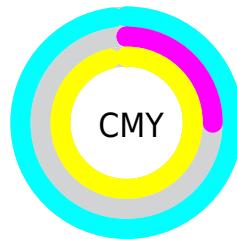
- Red (2%)
- Green (75%)
- Blue (4%)



- Red (2%)
- Yellow (74%)
- Blue (75%)



- Cyan (97%)
- Magenta (0%)
- Yellow (95%)
- Black (25%)



- Cyan (98%)
- Magenta (25%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278632458 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 4278632458 by changing the saturation by 10% instead.



 4278632458

 4278632458

4294967295

 4278232064

 4285004370

 4278225152

 4287102830

 4278218240

 4289200010

 4278211584

 4291231655

 4278205440

 4293197763

 4278198784

 4294967265

 4278190080

4294967294

 4278632458

 4278632458

■ 4278239236

■ 4279877661

■ 4281122864

■ 4282433602

■ 4283678805

■ 4284924008

■ 4286169211

■ 4287414414

■ 4288725152

■ 4289970355

# Harmonies

## Analogous

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



4288458752



4278632458



4278241401

# Triad

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



4278632458



4278238207



4294914683

# Complementary

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



4278632458



4290774716

# 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.



4294917073



4278632458



4278231295

# Square

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



4278632458



4278241279



4292965631



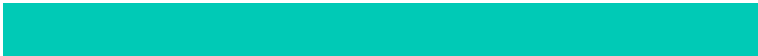
4294928164

# Rectangle

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



4278632458



4278241974



4292965631



4294912151

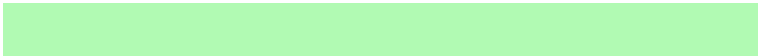


# Sweetspot

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



4278632458



4289854131



4290625542



4283530578



4294769916



4286414205



# Same Dimension

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



4278632458



4278254085



4278632550



4283916631



4278231299



4278198529



# Inverse Universe

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



4290774716



4294574325



4290774624



4284569441



4288741533

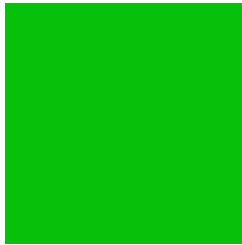


4280352800



# Previews

## White Background



This preview shows how the Android color 4278632458 looks on a white background.

## Color Contrast Check

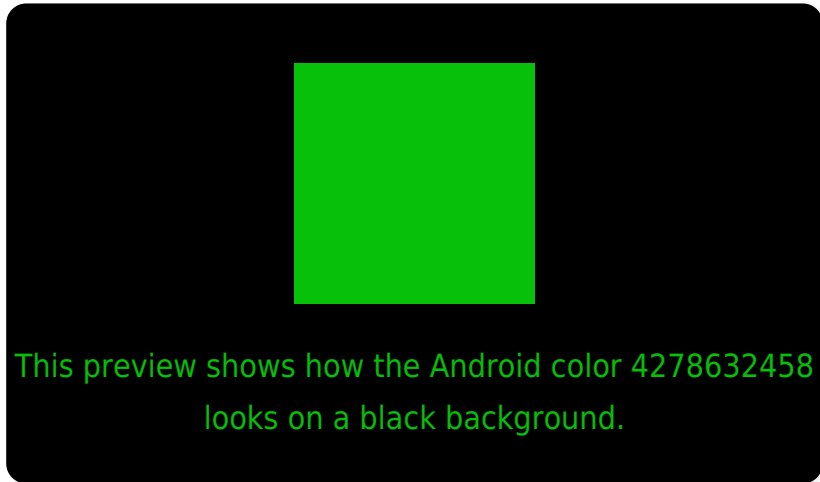
Large Text (above 18pt) WCAG AA × Fail

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 4278632458 Background



This preview shows how black text looks on a background with the Android color 4278632458.



This preview shows how white text looks on a background with the Android color 4278632458.

# 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



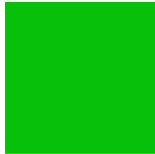
**Original Color**  
4278632458

**Protanopia**  
4290356224

**Deuteranopia**  
4291730475



# Trichromacy



**Original Color**

4278632458



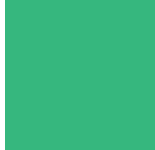
**Protanomaly**

4286098948



**Deuteranomaly**

4286949663



**Tritanomaly**

4281775998

# Monochromacy



**Original Color**

4278632458



**Achromatopsia**

4285822068



**Achromatomaly**

4283207757

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278632458 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(6, 192, 10)` looks like.

```
.text, #text, p{  
    color:rgb(6, 192, 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(6, 192, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 192, 10) }
```

## Border

The CSS property to change the border of an element to Android 4278632458 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(6, 192, 10) }
```

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

```
.border{ border-color:rgb(6, 192, 10) }
```

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

Here you see how a box with a 4 pixel rgb(6, 192, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 192, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 192, 10);  
box-shadow:4px 4px 4px 4px rgb(6, 192, 10)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278632458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 192, 10) }
```

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

```
.background{ background-color: rgb(6, 192,  
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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