

# Converting Colors

Android(4278438180)

Have a look what the booklet for  
Android(4278438180) contains.

<b>Android(4278438180)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4278438180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03C924
RGB	3, 201, 36
RGB Percent	1%, 79%, 14%
CMY	0.9882, 0.2118, 0.8588
CMYK	0.99, 0.00, 0.82, 0.21
HSL	130°, 97%, 40%
HSV	130°, 99%, 79%
XYZ	21.2426, 41.9200, 8.6408
YIQ	122.9880, -65.0430, -93.2910

# Conversions

## Conversions Part 2

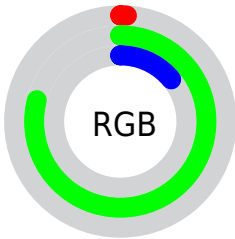
Format	Color
<a href="#">RYB</a>	<a href="#">3, 173, 201</a>
Decimal	<a href="#">248100</a>
CIELab	<a href="#">70.82, -70.77, 63.74</a>
CIELCh	<a href="#">71, 95.243, 137.996</a>
Yxy	<a href="#">41.9200, 0.2958, 0.5838</a>
Android (android.graphics.Color)	<a href="#">4278438180 (0xFF03C924)</a>
YUV	<a href="#">122.9880, -42.8851, -105.2295</a>
Hunter-Lab	<a href="#">64.7457, -54.7402, 37.4092</a>

# Details

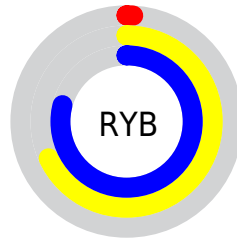
The Android color `4278438180` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4291363752`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4285071200`, and `4278227200` is the 20% darker color. If you saturate the color by 10%, you get `4278241569`, and if you desaturate by 10%, it is `4279748917`.

# Distribution



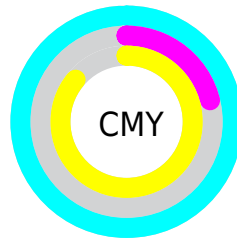
- Red (1%)
- Green (79%)
- Blue (14%)



- Red (1%)
- Yellow (68%)
- Blue (79%)



- Cyan (99%)
- Magenta (0%)
- Yellow (82%)
- Black (21%)



- Cyan (99%)
- Magenta (21%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278438180 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 4278438180 by changing the saturation by 10% instead.



 4278438180

 4278438180

4294967295

 4278234368

 4285071200

 4278227200

 4287233916

 4278220288

 4289265560

 4278213632

 4291362740

 4278207232

 4293394385

 4278200832

 4294967279

 4278191616

 4278190080

 4278438180

 4278438180

■ 4278241569

■ 4279748917

■ 4281059654

■ 4282370390

■ 4283681127

■ 4285057400

■ 4286368137

■ 4287678873

■ 4288989610

■ 4290300347

# Harmonies

## Analogous

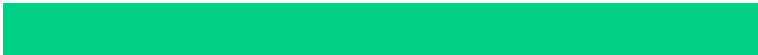
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288723200



4278438180



4278243718

# Triad

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



4278438180



4278239999



4294919038

# Complementary

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



4278438180



4291363752

# 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.



4294919892



4278438180



4281640703

# Square

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



4278438180



4278243327



4293884415



4294931239

# Rectangle

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



4278438180



4278244291



4293884415



4294916762

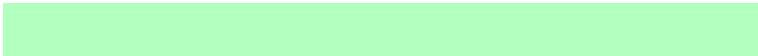


# Sweetspot

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



4278438180



4289986495



4289251587



4283596889



4278190080



4286611584



# Same Dimension

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



4278438180



4278255402



4278438279



4284113755



4278231835



4278199302



# Inverse Universe

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



4291363752



4294901972



4291363653



4284701282



4288872584

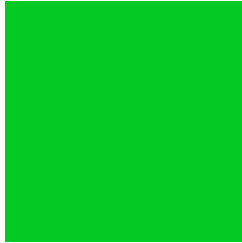


4280549406



# Previews

## White Background



This preview shows how the Android color 4278438180 looks on a white background.

## Color Contrast Check

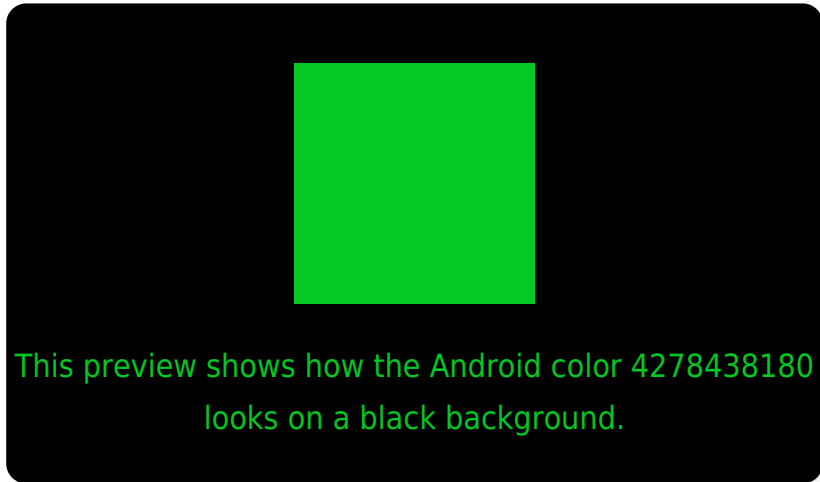
Large Text (above 18pt) WCAG AA × Fail

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 4278438180 Background



This preview shows how black text looks on a background with the Android color 4278438180.



This preview shows how white text looks on a background with the Android color 4278438180.

# 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**  
4278438180

**Protanopia**  
4290948124

**Deuteranopia**  
4292322103



# Trichromacy



**Original Color**

4278438180



**Protanomaly**

4286428959



**Deuteranomaly**

4287279408



**Tritanomaly**

4281843854

# Monochromacy



**Original Color**

4278438180



**Achromatopsia**

4286282619



**Achromatomaly**

4283406171

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278438180 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(3, 201, 36)` looks like.

```
.text, #text, p{  
    color:rgb(3, 201, 36)  
}
```

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(3, 201, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 201, 36) }
```

## Border

The CSS property to change the border of an element to Android 4278438180 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(3, 201, 36) }
```

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

```
.border{ border-color:rgb(3, 201, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 201, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 201, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 201, 36);  
box-shadow:4px 4px 4px 4px rgb(3, 201, 36)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278438180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 201, 36) }
```

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

```
.background{ background-color: rgb(3, 201,  
36) }
```

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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