

# Converting Colors

Android(4278570752)

Have a look what the booklet for  
Android(4278570752) contains.

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# **Color**

**Android(4278570752)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05CF00
RGB	5, 207, 0
RGB Percent	2%, 81%, 0%
CMY	0.9804, 0.1882, 1.0000
CMYK	0.98, 0.00, 1.00, 0.19
HSL	119°, 100%, 41%
HSV	119°, 100%, 81%
XYZ	22.3754, 44.6579, 7.4405
YIQ	123.0040, -53.9450, -107.2010

# Conversions

## Conversions Part 2

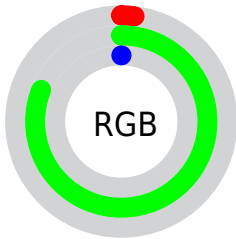
Format	Color
<a href="#">RYB</a>	<a href="#">0, 207, 202</a>
Decimal	<a href="#">380672</a>
CIELab	<a href="#">72.67, -73.45, 71.11</a>
CIELCh	<a href="#">73, 102.230, 135.929</a>
Yxy	<a href="#">44.6579, 0.3004, 0.5996</a>
Android (android.graphics.Color)	<a href="#">4278570752</a> ( <a href="#">0xFF05CF00</a> )
YUV	<a href="#">123.0040, -60.6410, -103.4895</a>
Hunter-Lab	<a href="#">66.8266, -57.1797, 40.1772</a>

# Details

The Android color `4278570752` is a dark color, and the websafe version is hex `00CC00`. The color can be described as dark washed green. A complement of this color would be `4291428559`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4285267794`, and `4278228736` is the 20% darker color. If you saturate the color by 10%, you get `4278570752`, and if you desaturate by 10%, it is `4279881493`.

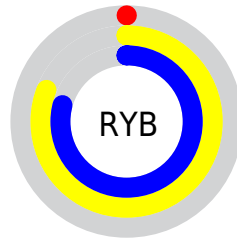
# Distribution



Red (2%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (79%)

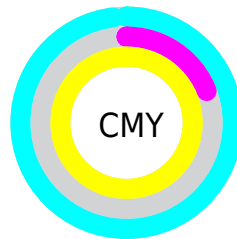


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (98%)

Magenta (19%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278570752 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 4278570752 by changing the saturation by 10% instead.



 4278570752

 4278570752

4294967295

 4278235904

 4285267794


 4278228736

 4287430511

 4278221824

 4289527692

 4278214912

 4291624873

 4278208256

 4293656518

 4278202112


 4294967267

 4278194432

 4278190080

 4278570752

 4279881493

 4281192233

 4282568510

 4283879251

 4285189992

 4286500732

 4287811473

 4289187750

 4290498490

# Harmonies

## Analogous

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



4289314048



4278570752



4278245249

# Triad

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



4278570752



4278242047



4294914693

# Complementary

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



4278570752



4291428559

# 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.



4294917858



4278570752



4278234623

# Square

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



4278570752



4278245375



4294016511



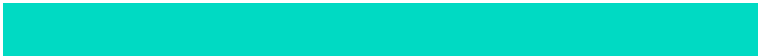
4294929703

# Rectangle

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



4278570752



4278246083



4294016511



4294911652

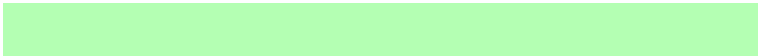


# Sweetspot

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



4278570752



4290052019



4291807232



4283662418



4278190080



4286611584



# Same Dimension

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



4278570752



4278648576



4278243169



4284377438



4278495232



4278266112



# Inverse Universe

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



4291428559



4294508799



4291756142



4285029993



4288938152

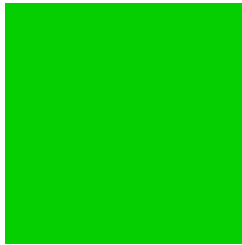


4280811561



# Previews

## White Background



This preview shows how the Android color 4278570752 looks on a white background.

## Color Contrast Check

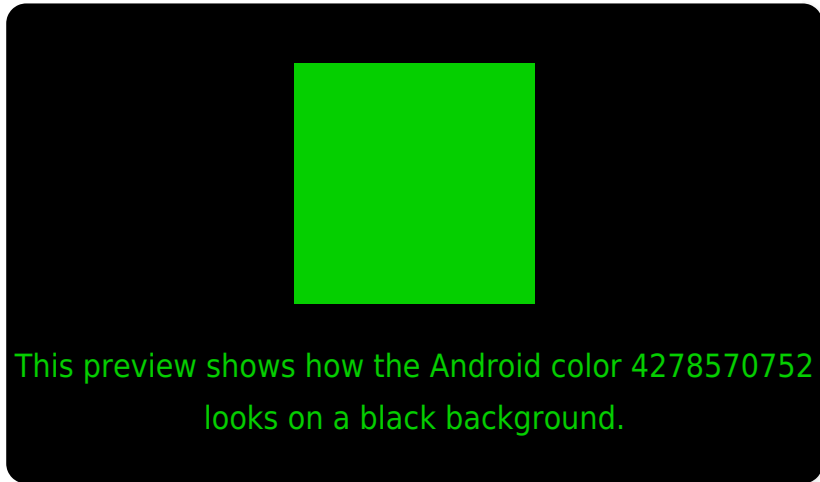
Large Text (above 18pt) WCAG AA × Fail

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

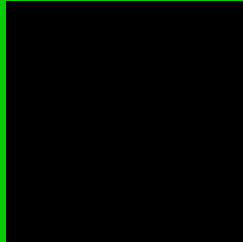
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278570752 Background



This preview shows how black text looks on a background with the Android color 4278570752.



This preview shows how white text looks on a background with the Android color 4278570752.

# Color Blindness Simulation

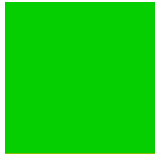
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4278570752



**Protanomaly**

4286626816



**Deuteranomaly**

4287608349



**Tritanomaly**

4281976196

# Monochromacy



**Original Color**

4278570752



**Achromatopsia**

4286282619



**Achromatomaly**

4283472462

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278570752 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(5, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(5, 207, 0)  
}
```

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(5, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 207, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278570752 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(5, 207, 0) }
```

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

```
.border{ border-color:rgb(5, 207, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 207, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 207, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 207, 0); box-shadow:4px  
4px 4px 4px rgb(5, 207, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4278570752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 207, 0) }
```

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

```
.background{ background-color: rgb(5, 207,  
0) }
```

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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