

# Converting Colors

Android(4278441219)

Have a look what the booklet for  
Android(4278441219) contains.

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# **Color**

**Android(4278441219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03D503
RGB	3, 213, 3
RGB Percent	1%, 84%, 1%
CMY	0.9882, 0.1647, 0.9882
CMYK	0.99, 0.00, 0.99, 0.16
HSL	120°, 97%, 42%
HSV	120°, 99%, 84%
XYZ	23.8482, 47.6144, 8.0197
YIQ	126.2700, -57.7500, -109.8300

# Conversions

## Conversions Part 2

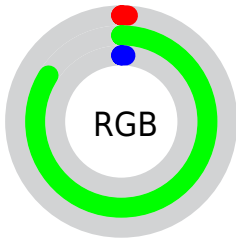
Format	Color
<b>RYB</b>	3, 213, 213
Decimal	251139
CIELab	74.58, -75.07, 72.34
CIElCh	75, 104.254, 136.063
Yxy	47.6144, 0.3000, 0.5991
Android (android.graphics.Color)	4278441219 (0xFF03D503)
YUV	126.2700, -60.7721, -108.1078
Hunter-Lab	69.0032, -59.0641, 41.4114

# Details

The Android color `4278441219` 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 `4292150229`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4285398868`, and `4278230016` is the 20% darker color. If you saturate the color by 10%, you get `4278244608`, and if you desaturate by 10%, it is `4279817496`.

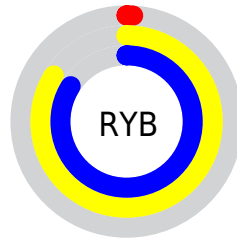
# Distribution



Red (1%)

Green (84%)

Blue (1%)



Red (1%)

Yellow (84%)

Blue (84%)

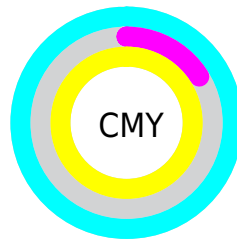


Cyan (99%)

Magenta (0%)

Yellow (99%)

Black (16%)



Cyan (99%)

Magenta (16%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278441219 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 4278441219 by changing the saturation by 10% instead.



 4278441219

 4278441219

4294967295

 4278237184

 4285398868


 4278230016

 4287561585

 4278223104

 4289658766

 4278216192

 4291755947

 4278209536

 4293853128

 4278203392

 4294967270

 4278196480

 4278190080

 4278441219

 4278441219

■ 4278244608

■ 4279817496

■ 4281259310

■ 4282635587

■ 4284011864

■ 4285453678

■ 4286829955

■ 4288206232

■ 4289582509

■ 4291024323

# Harmonies

## Analogous

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



4289643264



4278441219



4278247046

# Triad

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



4278441219



4278243583



4294915209

# Complementary

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



4278441219



4292150229

# 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.



4294918376



4278441219



4278235903

# Square

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



4278441219



4278246911



4294541567



4294930728

# Rectangle

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



4278441219



4278247625



4294541567



4294912424

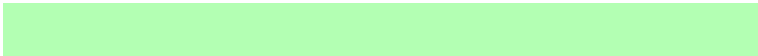


# Sweetspot

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



4278441219



4289986483



4292203779



4283596882



4278190080



4286611584



# Same Dimension

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



4278441219



4278255360



4278441324



4284509024



4278233856



4278201088



# Inverse Universe

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



4292150229



4294902015



4292150124



4285227115



4289396907

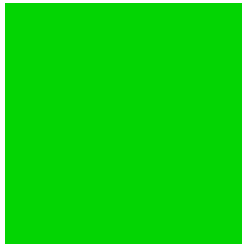


4281008171



# Previews

## White Background



This preview shows how the Android color 4278441219 looks on a white background.

## Color Contrast Check

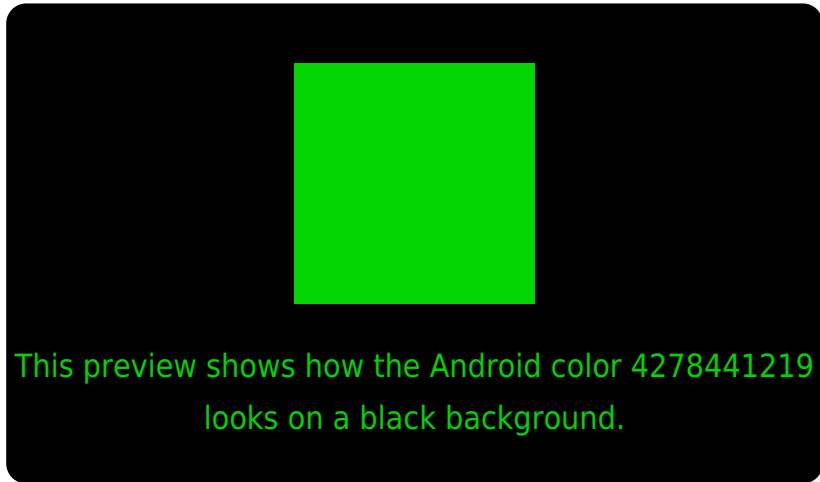
Large Text (above 18pt) WCAG AA × Fail

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

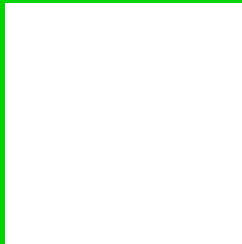
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278441219 Background



This preview shows how black text looks on a background with the Android color 4278441219.



This preview shows how white text looks on a background with the Android color 4278441219.

# Color Blindness Simulation

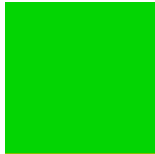
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4278441219



**Protanomaly**

4286890241



**Deuteranomaly**

4287872030



**Tritanomaly**

4282043273

# Monochromacy



**Original Color**

4278441219



**Achromatopsia**

4286479998



**Achromatomaly**

4283539025

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278441219 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, 213, 3)` looks like.

```
.text, #text, p{  
    color:rgb(3, 213, 3)  
}
```

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, 213, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 213, 3) }
```

## Border

The CSS property to change the border of an element to Android 4278441219 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, 213, 3) }
```

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

```
.border{ border-color:rgb(3, 213, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 213, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 213, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 213, 3); box-shadow:4px  
4px 4px 4px rgb(3, 213, 3) }
```

# Background

The CSS property to change the background color of an element to Android 4278441219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 213, 3) }
```

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

```
.background{ background-color: rgb(3, 213,  
3) }
```

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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