

Converting Colors

Android(4278310400)

Have a look what the booklet for
Android(4278310400) contains.

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Color

Android(4278310400)

Conversions

Conversions Part 1

Format	Color
Hex	01D600
RGB	1, 214, 0
RGB Percent	0%, 84%, 0%
CMY	0.9961, 0.1608, 1.0000
CMYK	1.00, 0.00, 1.00, 0.16
HSL	120°, 100%, 42%
HSV	120°, 100%, 84%
XYZ	24.0591, 48.0996, 8.0161
YIQ	125.9170, -58.2540, -111.7100

Conversions

Conversions Part 2

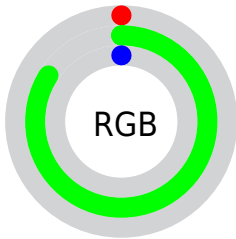
Format	Color
RYB	0, 214, 213
Decimal	120320
CIELab	74.89, -75.47, 72.88
CIELCh	75, 104.914, 136.000
Yxy	48.0996, 0.3001, 0.5999
Android (android.graphics.Color)	4278310400 (0xFF01D600)
YUV	125.9170, -62.0771, -109.5522
Hunter-Lab	69.3539, -59.4470, 41.6948

Details

The Android color `4278310400` 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 `4292149462`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4285398868`, and `4278230272` is the 20% darker color. If you saturate the color by 10%, you get `4278310400`, and if you desaturate by 10%, it is `4279686677`.

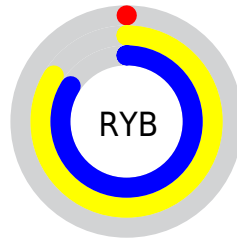
Distribution



Red (0%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (84%)

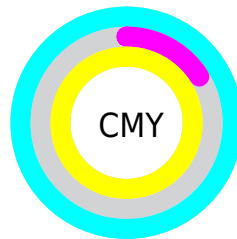


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (100%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278310400 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 4278310400 by changing the saturation by 10% instead.

 4278310400

 4278310400

4294967295

 4278237440

 4285398868


 4278230272

 4287561585

 4278223360

 4289658766

 4278216448

 4291755947

 4278209792

 4293853128

 4278203648

 4294967269

 4278196736

 4278190080

 4278310400

 4279686677

 4281128491

 4282504768

 4283881046

 4285257323

 4286699136

 4288075414

 4289451691

 4290893505

Harmonies

Analogous

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



4289643520



4278310400



4278247302

Triad

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



4278310400



4278243839



4294914954

Complementary

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



4278310400



4292149462

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.



4294918378



4278310400



4278236159

Square

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



4278310400



4278247167



4294607359



4294930728

Rectangle

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



4278310400



4278247882



4294607359



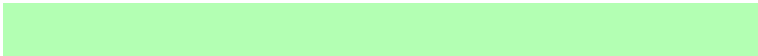
4294911913

Sweetspot

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



4278310400



4289986483



4292268544



4283596882



4278190080



4286611584

Same Dimension

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



4278310400



4278320896



4278244967



4284509024



4278299392



4278201088

Inverse Universe

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



4292149462



4294836479



4292214895



4285227115



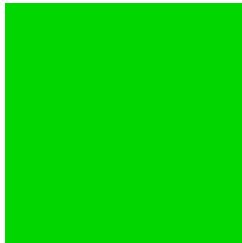
4289331371



4281008171

Previews

White Background



This preview shows how the Android color 4278310400 looks on a white background.

Color Contrast Check

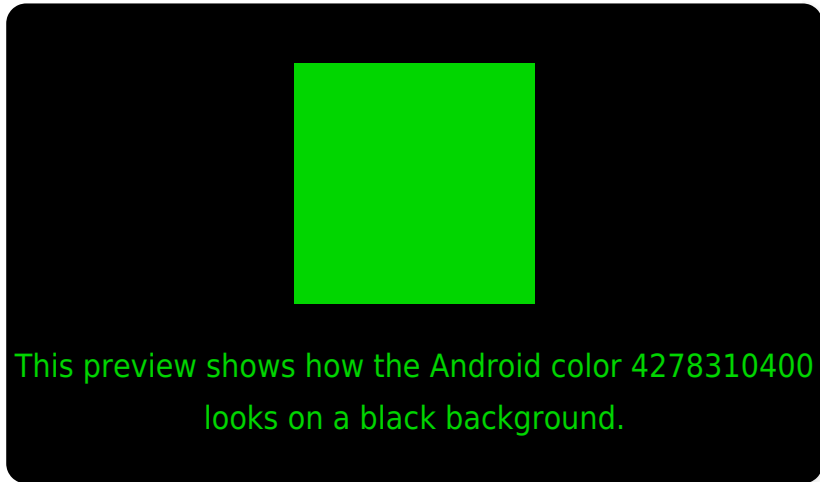
Large Text (above 18pt) WCAG AA × Fail

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

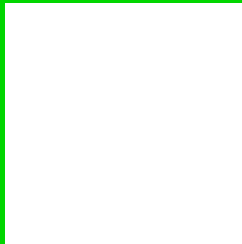
Any Text WCAG AAA ✓ Pass

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

Android 4278310400 Background



This preview shows how black text looks on a background with the Android color 4278310400.



This preview shows how white text looks on a background with the Android color 4278310400.

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

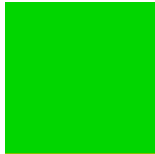


Original Color
4278310400

Protanopia
4291737344

Deuteranopia
4293307694

Trichromacy



Original Color

4278310400



Protanomaly

4286824960



Deuteranomaly

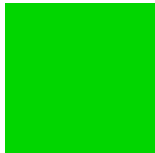
4287872029



Tritanomaly

4282043529

Monochromacy



Original Color

4278310400



Achromatopsia

4286479998



Achromatomaly

4283539024

CSS Examples

Text

The CSS property to change the color of the text to Android 4278310400 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(1, 214, 0)` looks like.

```
.text, #text, p{  
    color:rgb(1, 214, 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(1, 214, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 214, 0) }
```

Border

The CSS property to change the border of an element to Android 4278310400 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(1, 214, 0) }
```

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

```
.border{ border-color:rgb(1, 214, 0) }
```

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

Here you see how a box with a 4 pixel rgb(1, 214, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 214, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 214, 0); box-shadow:4px  
4px 4px 4px rgb(1, 214, 0) }
```

Background

The CSS property to change the background color of an element to Android 4278310400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 214, 0) }
```

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

```
.background{ background-color: rgb(1, 214,  
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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