

Converting Colors

Android(4278242316)

Have a look what the booklet for
Android(4278242316) contains.

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Color

Android(4278242316)

Conversions

Conversions Part 1

Format	Color
Hex	00CC0C
RGB	0, 204, 12
RGB Percent	0%, 80%, 5%
CMY	1.0000, 0.2000, 0.9529
CMYK	1.00, 0.00, 0.94, 0.20
HSL	124°, 100%, 40%
HSV	124°, 100%, 80%
XYZ	21.6592, 43.2123, 7.5471
YIQ	121.1160, -59.9520, -102.9600

Conversions

Conversions Part 2

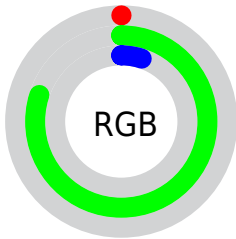
Format	Color
RYB	0, 193, 204
Decimal	52236
CIELab	71.70, -72.61, 69.05
CIELCh	72, 100.200, 136.440
Yxy	43.2123, 0.2991, 0.5967
Android (android.graphics.Color)	4278242316 (0xFF00CC0C)
YUV	121.1160, -53.7942, -106.2187
Hunter-Lab	65.7360, -56.2245, 39.2082

Details

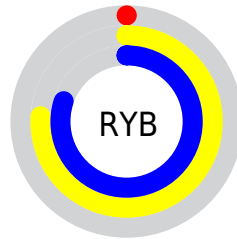
The Android color **4278242316** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **4291559616**, and the grayscale version is **4286216826**.

A 20% lighter version of the original color is **4285136725**, and **4278227968** is the 20% darker color. If you saturate the color by 10%, you get **4278242316**, and if you desaturate by 10%, it is **4279553055**.

Distribution



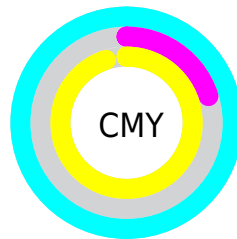
- Red (0%)
- Green (80%)
- Blue (5%)



- Red (0%)
- Yellow (76%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (94%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278242316 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 4278242316 by changing the saturation by 10% instead.

 4278242316

 4278242316

4294967295

 4278235136

 4285136725

 4278227968

 4287299442

 4278221056

 4289396622

 4278214144

 4291493803

 4278207744

 4293525448

 4278201344

 4294967269

 4278193152

 4278190080

 4278242316

 4279553055

 4280929330

 4282240070

 4283616345

 4284927084

 4286237823

 4287614098

 4288924838

 4290301113

Harmonies

Analogous

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



4289051392



4278242316



4278244481

Triad

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



4278242316



4278241279



4294915458

Complementary

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



4278242316



4291559616

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.



4294918109



4278242316



4278233855

Square

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



4278242316



4278244607



4293884927



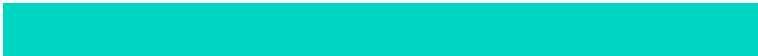
4294929958

Rectangle

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



4278242316



4278245058



4293884927



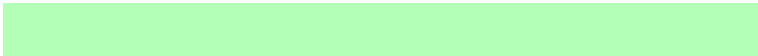
4294912672

Sweetspot

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



4278242316



4289986487



4290956288



4283596884



4278190080



4286611584

Same Dimension

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



4278242316



4278255375



4278242416



4284245596



4278232586



4278199810

Inverse Universe

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



4291559616



4294902000



4291559516



4284898405



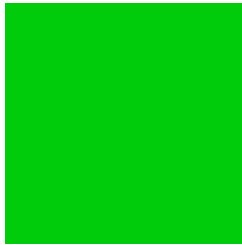
4289069212



4280680484

Previews

White Background



This preview shows how the Android color 4278242316 looks on a white background.

Color Contrast Check

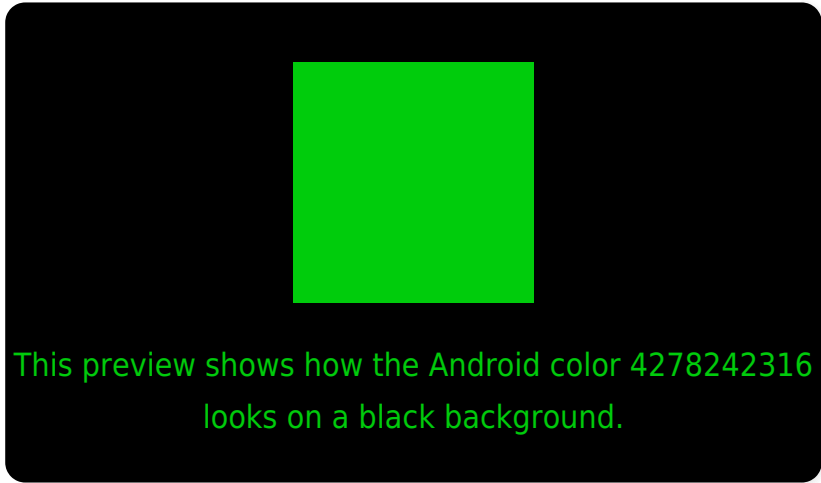
Large Text (above 18pt) WCAG AA × Fail

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

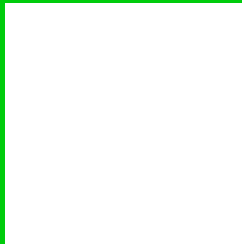
Any Text WCAG AAA ✓ Pass

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

Android 4278242316 Background



This preview shows how black text looks on a background with the Android color 4278242316.



This preview shows how white text looks on a background with the Android color 4278242316.

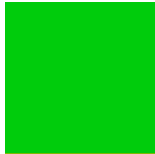
Color Blindness Simulation

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

4278242316



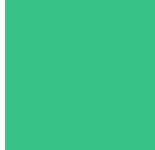
Protanomaly

4286429700



Deuteranomaly

4287345441



Tritanomaly

4281844615

Monochromacy



Original Color

4278242316



Achromatopsia

4286151033



Achromatomaly

4283275089

CSS Examples

Text

The CSS property to change the color of the text to Android 4278242316 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(0, 204, 12)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 12)  
}
```

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(0, 204, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 12) }
```

Border

The CSS property to change the border of an element to Android 4278242316 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(0, 204, 12) }
```

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

```
.border{ border-color:rgb(0, 204, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 12);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 12)  
}
```

Background

The CSS property to change the background color of an element to Android 4278242316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 12) }
```

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

```
.background{ background-color: rgb(0, 204,  
12) }
```

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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