

Converting Colors

Android(4278235912)

Have a look what the booklet for
Android(4278235912) contains.

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Color

Android(4278235912)

Conversions

Conversions Part 1

Format	Color
Hex	00B308
RGB	0, 179, 8
RGB Percent	0%, 70%, 3%
CMY	1.0000, 0.2980, 0.9686
CMYK	1.00, 0.00, 0.96, 0.30
HSL	123°, 100%, 35%
HSV	123°, 100%, 70%
XYZ	16.1639, 32.2577, 5.6042
YIQ	105.9850, -51.7930, -91.1290

Conversions

Conversions Part 2

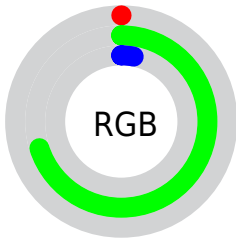
Format	Color
RYB	0, 171, 179
Decimal	45832
CIELab	63.56, -65.89, 62.77
CIElCh	64, 91.005, 136.391
Yxy	32.2577, 0.2992, 0.5971
Android (android.graphics.Color)	4278235912 (0xFF00B308)
YUV	105.9850, -48.3066, -92.9488
Hunter-Lab	56.7959, -48.5923, 33.9069

Details

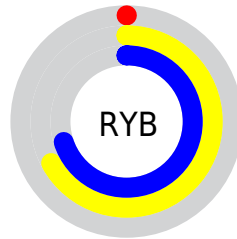
The Android color `4278235912` is a dark color, and the websafe version is hex `33CC33`. A complement of this color would be `4289921195`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4284673102`, and `4278221824` is the 20% darker color. If you saturate the color by 10%, you get `4278235912`, and if you desaturate by 10%, it is `4279415577`.

Distribution



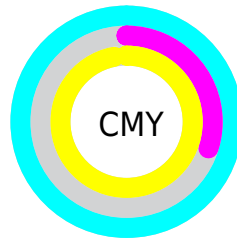
- Red (0%)
- Green (70%)
- Blue (3%)



- Red (0%)
- Yellow (67%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (96%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278235912 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 4278235912 by changing the saturation by 10% instead.

 4278235912

 4278235912

4294967295

 4278228736

 4284673102

 4278221824

 4286775146

 4278215168

 4288806790

 4278208768

 4290772898

 4278202624

 4292804543

 4278195456

 4294836188


 4278190080

 4294967289

 4278235912

 4279415577

 4280595242

 4281774907

 4282954572

 4284134238

 4285248367

 4286428032

 4287607697

 4288787362

Harmonies

Analogous

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



4287734784



4278235912



4278237809

Triad

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



4278235912



4278234879



4294913394

Complementary

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



4278235912



4289921195

Split Complementary

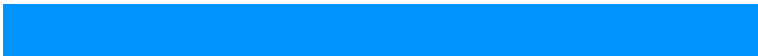
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294915778



4278235912



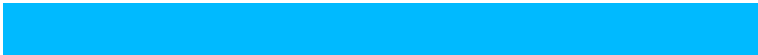
4278228479

Square

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



4278235912



4278237951



4291980287



4294926112

Rectangle

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



4278235912



4278238378



4291980287



4294910860

Sweetspot

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



4278235912



4288866470



4289573632



4283135309



4294309365



4285887861

Same Dimension

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



4278235912



4278249482



4278235999



4283455825



4278229255



4278196737

Inverse Universe

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



4289921195



4293394654



4289921108



4284043353



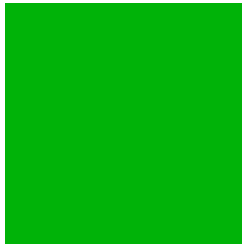
4288217234



4279894040

Previews

White Background



This preview shows how the Android color 4278235912 looks on a white background.

Color Contrast Check

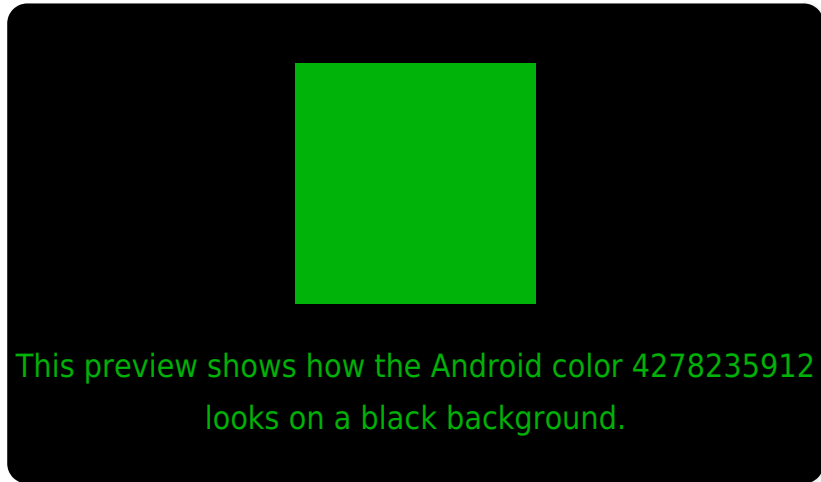
Large Text (above 18pt) WCAG AA × Fail

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

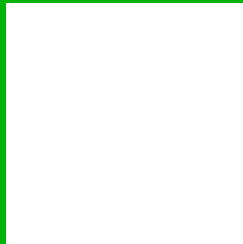
Any Text WCAG AAA ✓ Pass

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

Android 4278235912 Background



This preview shows how black text looks on a background with the Android color 4278235912.



This preview shows how white text looks on a background with the Android color 4278235912.

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

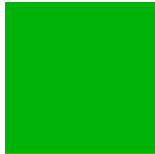


Original Color
4278235912

Protanopia
4289501440

Deuteranopia
4290810151

Trichromacy



Original Color

4278235912



Protanomaly

4285374979



Deuteranomaly

4286225692



Tritanomaly

4281379701

Monochromacy



Original Color

4278235912



Achromatopsia

4285164138



Achromatomaly

4282615110

CSS Examples

Text

The CSS property to change the color of the text to Android 4278235912 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, 179, 8)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 8)  
}
```

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, 179, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 8) }
```

Border

The CSS property to change the border of an element to Android 4278235912 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, 179, 8) }
```

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

```
.border{ border-color:rgb(0, 179, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 179, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 179, 8); box-shadow:4px  
4px 4px 4px rgb(0, 179, 8) }
```

Background

The CSS property to change the background color of an element to Android 4278235912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 8) }
```

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

```
.background{ background-color: rgb(0, 179,  
8) }
```

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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