

Converting Colors

Android(4278238486)

Have a look what the booklet for
Android(4278238486) contains.

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Color

Android(4278238486)

Conversions

Conversions Part 1

Format	Color
Hex	00BD16
RGB	0, 189, 22
RGB Percent	0%, 74%, 9%
CMY	1.0000, 0.2588, 0.9137
CMYK	1.00, 0.00, 0.88, 0.26
HSL	127°, 100%, 37%
HSV	127°, 100%, 74%
XYZ	18.3424, 36.4531, 6.8285
YIQ	113.4510, -59.0370, -92.0050

Conversions

Conversions Part 2

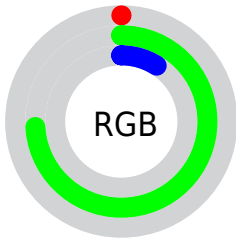
Format	Color
RYB	0, 169, 189
Decimal	48406
CIELab	66.86, -68.23, 63.41
CIELCh	67, 93.149, 137.099
Yxy	36.4531, 0.2977, 0.5915
Android (android.graphics.Color)	4278238486 (0xFF00BD16)
YUV	113.4510, -45.0853, -99.4965
Hunter-Lab	60.3764, -51.4303, 35.5579

Details

The Android color **4278238486** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **4290576551**, and the grayscale version is **4285690482**.

A 20% lighter version of the original color is **4284806998**, and **4278224384** is the 20% darker color. If you saturate the color by 10%, you get **4278238486**, and if you desaturate by 10%, it is **4279483687**.

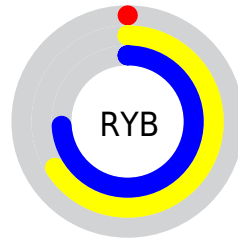
Distribution



Red (0%)

Green (74%)

Blue (9%)



Red (0%)

Yellow (66%)

Blue (74%)

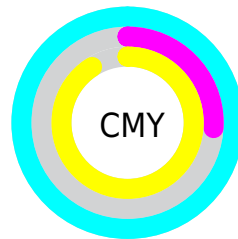


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (26%)



Cyan (100%)

Magenta (26%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278238486 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 4278238486 by changing the saturation by 10% instead.

 4278238486

 4278238486

4294967295

 4278231296

 4284806998

 4278224384

 4286971762

 4278217472

 4289003406

 4278210816

 4291035050

 4278204672

 4293066695

 4278198272


 4294967268

 4278190080

 4278238486

 4279483687

 4280728887

 4281974088

 4283219289

 4284464490

 4285644154

 4286889355

 4288134556

 4289379756

Harmonies

Analogous

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



4288195840



4278238486



4278240378

Triad

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



4278238486



4278237183



4294915959

Complementary

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



4278238486



4290576551

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.



4294917579



4278238486



4278230527

Square

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



4278238486



4278240511



4292833791



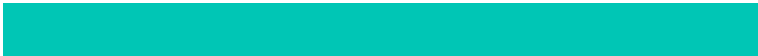
4294928419

Rectangle

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



4278238486



4278240949



4292833791



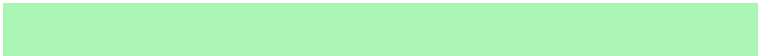
4294913683

Sweetspot

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



4278238486



4289459636



4289379584



4283333203



4294638330



4286216826

Same Dimension

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



4278238486



4278252828



4278238577



4283784790



4278230546



4278198020

Inverse Universe

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



4290576551



4294246616



4290576460



4284372317



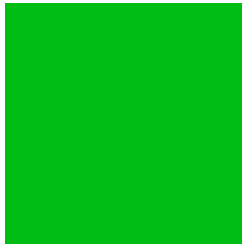
4288544908



4280221723

Previews

White Background



This preview shows how the Android color 4278238486 looks on a white background.

Color Contrast Check

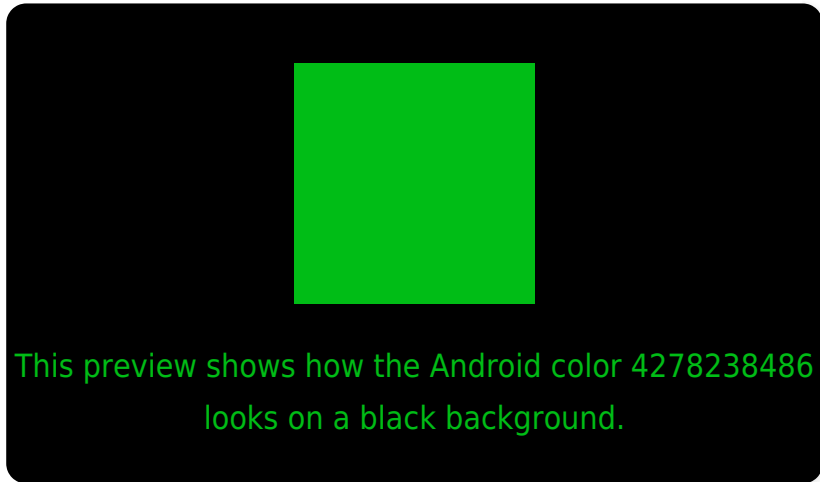
Large Text (above 18pt) WCAG AA × Fail

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

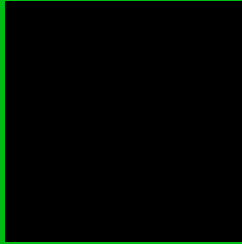
Any Text WCAG AA ✓ Pass

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 4278238486 Background



This preview shows how black text looks on a background with the Android color 4278238486.



This preview shows how white text looks on a background with the Android color 4278238486.

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
4278238486

Protanopia
4290159115

Deuteranopia
4291533102

Trichromacy



Original Color

4278238486



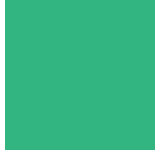
Protanomaly

4285836303



Deuteranomaly

4286686757



Tritanomaly

4281513345

Monochromacy



Original Color

4278238486



Achromatopsia

4285624689



Achromatomaly

4282944848

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238486 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, 189, 22)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 22)  
}
```

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, 189, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 22) }
```

Border

The CSS property to change the border of an element to Android 4278238486 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, 189, 22) }
```

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

```
.border{ border-color:rgb(0, 189, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 22);  
box-shadow:4px 4px 4px 4px rgb(0, 189, 22)  
}
```

Background

The CSS property to change the background color of an element to Android 4278238486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 22) }
```

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

```
.background{ background-color: rgb(0, 189,  
22) }
```

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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