

Converting Colors

Android(4278238502)

Have a look what the booklet for
Android(4278238502) contains.

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Color

Android(4278238502)

Conversions

Conversions Part 1

Format	Color
Hex	00BD26
RGB	0, 189, 38
RGB Percent	0%, 74%, 15%
CMY	1.0000, 0.2588, 0.8510
CMYK	1.00, 0.00, 0.80, 0.26
HSL	132°, 100%, 37%
HSV	132°, 100%, 74%
XYZ	18.5474, 36.5351, 7.9082
YIQ	115.2750, -64.1730, -87.0290

Conversions

Conversions Part 2

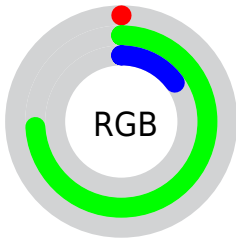
Format	Color
RYB	0, 157, 189
Decimal	48422
CIELab	66.93, -67.43, 59.53
CIELCh	67, 89.949, 138.559
Yxy	36.5351, 0.2944, 0.5800
Android (android.graphics.Color)	4278238502 (0xFF00BD26)
YUV	115.2750, -38.0966, -101.0962
Hunter-Lab	60.4443, -51.0045, 34.5539

Details

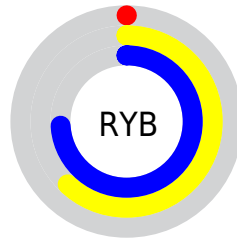
The Android color **4278238502** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **4290576535**, and the grayscale version is **4285822068**.

A 20% lighter version of the original color is **4284807008**, and **4278224384** is the 20% darker color. If you saturate the color by 10%, you get **4278238502**, and if you desaturate by 10%, it is **4279483701**.

Distribution



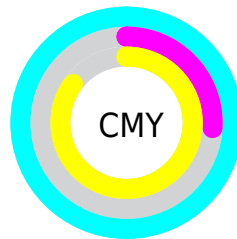
- Red (0%)
- Green (74%)
- Blue (15%)



- Red (0%)
- Yellow (62%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278238502 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 4278238502 by changing the saturation by 10% instead.

 4278238502

 4278238502

4294967295

 4278231296

 4284807008

 4278224384

 4286906235

 4278217472

 4288937879

 4278210816

 4290969523

 4278204672

 4293001168

 4278198272


 4294967277

 4278190080

 4278238502

 4279483701

 4280728900

 4281974099

 4283219298

 4284464498

 4285644161

 4286889360

 4288134559

 4289379758

Harmonies

Analogous

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



4287999488



4278238502



4278240384

Triad

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



4278238502



4278236927



4294918773

Complementary

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



4278238502



4290576535

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.



4294919109



4278238502



4282358783

Square

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



4278238502



4278240255



4293096191



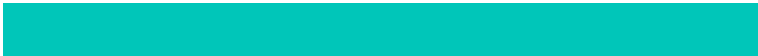
4294929701

Rectangle

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



4278238502



4278240953



4293096191



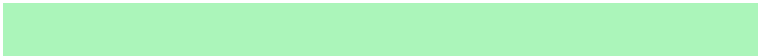
4294916751

Sweetspot

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



4278238502



4289459642



4288134400



4283333207



4294638330



4286216826

Same Dimension

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



4278238502



4278252849



4278238596



4283784791



4278230560



4278198022

Inverse Universe

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



4290576535



4294246596



4290576441



4284372316



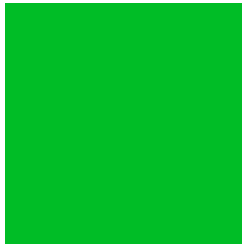
4288544894



4280221720

Previews

White Background



This preview shows how the Android color 4278238502 looks on a white background.

Color Contrast Check

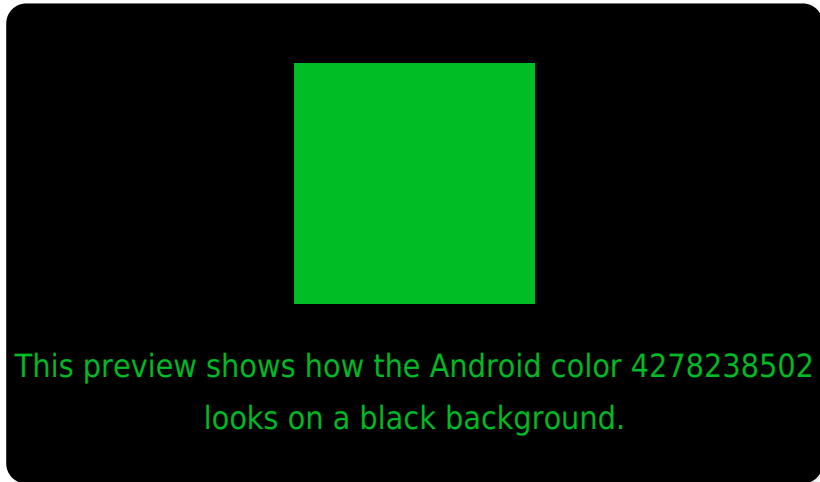
Large Text (above 18pt) WCAG AA × Fail

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 4278238502 Background



This preview shows how black text looks on a background with the Android color 4278238502.



This preview shows how white text looks on a background with the Android color 4278238502.

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
4278238502

Protanopia
4290159135

Deuteranopia
4291467575

Trichromacy



Original Color

4278238502



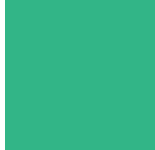
Protanomaly

4285836322



Deuteranomaly

4286686769



Tritanomaly

4281513351

Monochromacy



Original Color

4278238502



Achromatopsia

4285756275



Achromatomaly

4283010647

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238502 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, 38)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 38)  
}
```

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, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 38) }
```

Border

The CSS property to change the border of an element to Android 4278238502 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, 38) }
```

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

```
.border{ border-color:rgb(0, 189, 38) }
```

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, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 38);  
box-shadow:4px 4px 4px 4px rgb(0, 189, 38)  
}
```

Background

The CSS property to change the background color of an element to Android 4278238502 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, 38) }
```

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

```
.background{ background-color: rgb(0, 189,  
38) }
```

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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