

Converting Colors

Android(4278238505)

Have a look what the booklet for
Android(4278238505) contains.

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Color

Android(4278238505)

Conversions

Conversions Part 1

Format	Color
Hex	00BD29
RGB	0, 189, 41
RGB Percent	0%, 74%, 16%
CMY	1.0000, 0.2588, 0.8392
CMYK	1.00, 0.00, 0.78, 0.26
HSL	133°, 100%, 37%
HSV	133°, 100%, 74%
XYZ	18.5978, 36.5553, 8.1735
YIQ	115.6170, -65.1360, -86.0960

Conversions

Conversions Part 2

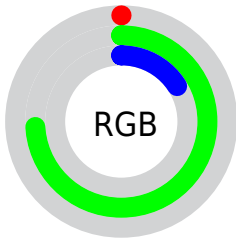
Format	Color
RYB	0, 155, 189
Decimal	48425
CIELab	66.94, -67.23, 58.64
CIElCh	67, 89.209, 138.908
Yxy	36.5553, 0.2937, 0.5772
Android (android.graphics.Color)	4278238505 (0xFF00BD29)
YUV	115.6170, -36.7862, -101.3961
Hunter-Lab	60.4610, -50.9000, 34.3075

Details

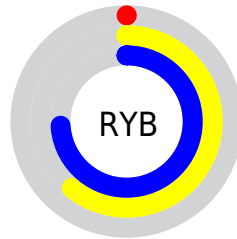
The Android color **4278238505** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **4290576532**, and the grayscale version is **4285822068**.

A 20% lighter version of the original color is **4284807010**, and **4278224384** is the 20% darker color. If you saturate the color by 10%, you get **4278238505**, and if you desaturate by 10%, it is **4279483704**.

Distribution



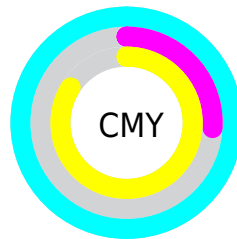
- Red (0%)
- Green (74%)
- Blue (16%)



- Red (0%)
- Yellow (61%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278238505 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 4278238505 by changing the saturation by 10% instead.



4278238505



4278238505

4294967295



4278231296



4284807010



4278224384



4286906237



4278217472



4288937881



4278210816



4290969525



4278204672



4292935634



4278198272



4294967279



4278190080



4278238505



4279483704

 4280728903

 4281974101

 4283219300

 4284464499

 4285644162

 4286889361

 4288134559

 4289379758

Harmonies

Analogous

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



4287999488



4278238505



4278240385

Triad

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



4278238505



4278236671



4294919284

Complementary

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



4278238505



4290576532

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.



4294919620



4278238505



4282817535

Square

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



4278238505



4278239999



4293096191



4294929957

Rectangle

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



4278238505



4278240954



4293096191



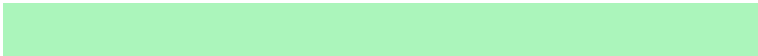
4294917263

Sweetspot

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



4278238505



4289459643



4287937792



4283333208



4294638330



4286216826

Same Dimension

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



4278238505



4278252853



4278238599



4283784791



4278230562



4278198023

Inverse Universe

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



4290576532



4294246592



4290576438



4284372316



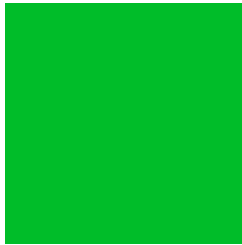
4288544892



4280221720

Previews

White Background



This preview shows how the Android color 4278238505 looks on a white background.

Color Contrast Check

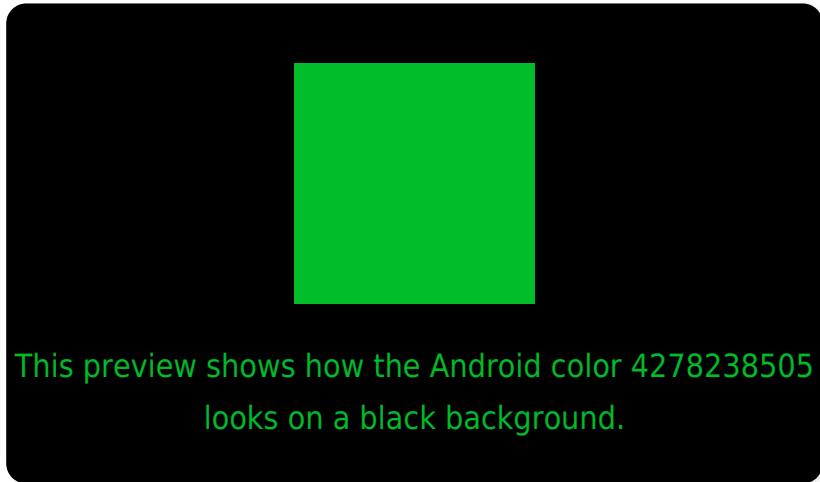
Large Text (above 18pt) WCAG AA × Fail

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 4278238505 Background



This preview shows how black text looks on a background with the Android color 4278238505.



This preview shows how white text looks on a background with the Android color 4278238505.

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
4278238505

Protanopia
4290159138

Deuteranopia
4291467833

Trichromacy



Original Color

4278238505



Protanomaly

4285836325



Deuteranomaly

4286687027



Tritanomaly

4281513352

Monochromacy



Original Color

4278238505



Achromatopsia

4285822068



Achromatomaly

4283076441

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238505 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 41) }
```

Border

The CSS property to change the border of an element to Android 4278238505 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, 41) }
```

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

```
.border{ border-color:rgb(0, 189, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 41);  
box-shadow:4px 4px 4px 4px rgb(0, 189, 41)  
}
```

Background

The CSS property to change the background color of an element to Android 4278238505 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, 41) }
```

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

```
.background{ background-color: rgb(0, 189,  
41) }
```

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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