

Converting Colors

Android(4278239001)

Have a look what the booklet for
Android(4278239001) contains.

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Color

Android(4278239001)

Conversions

Conversions Part 1

Format	Color
Hex	00BF19
RGB	0, 191, 25
RGB Percent	0%, 75%, 10%
CMY	1.0000, 0.2510, 0.9020
CMYK	1.00, 0.00, 0.87, 0.25
HSL	128°, 100%, 37%
HSV	128°, 100%, 75%
XYZ	18.8063, 37.3318, 7.1343
YIQ	114.9670, -60.5500, -92.1180

Conversions

Conversions Part 2

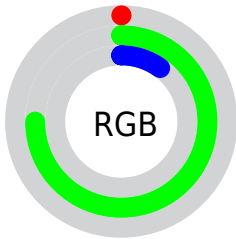
Format	Color
RYB	0, 169, 191
Decimal	48921
CIELab	67.53, -68.67, 63.38
CIELCh	68, 93.445, 137.293
Yxy	37.3318, 0.2972, 0.5900
Android (android.graphics.Color)	4278239001 (0xFF00BF19)
YUV	114.9670, -44.3537, -100.8261
Hunter-Lab	61.0997, -51.9829, 35.8469

Details

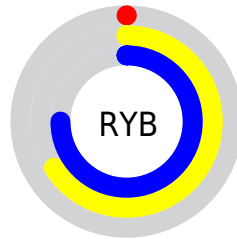
The Android color **4278239001** is a dark color, and the websafe version is hex **00CC33**. A complement of this color would be **4290707622**, and the grayscale version is **4285756275**.

A 20% lighter version of the original color is **4284873048**, and **4278224896** is the 20% darker color. If you saturate the color by 10%, you get **4278239001**, and if you desaturate by 10%, it is **4279484202**.

Distribution



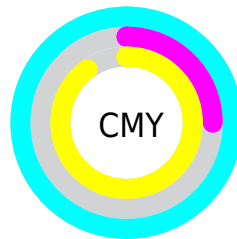
- Red (0%)
- Green (75%)
- Blue (10%)



- Red (0%)
- Yellow (66%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (87%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278239001 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 4278239001 by changing the saturation by 10% instead.



4278239001



4278239001

4294967295



4278231808



4284873048



4278224896



4286971764



4278217984



4289068944



4278211328



4291100588



4278205184



4293066697



4278198784



4294967270



4278190080



4278239001



4279484202

 4280729402

 4281974603

 4283219803

 4284530540

 4285775741

 4287020941

 4288266142

 4289511342

Harmonies

Analogous

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



4288261888



4278239001



4278240892

Triad

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



4278239001



4278237695



4294916472

Complementary

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



4278239001



4290707622

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.



4294917836



4278239001



4278689535

Square

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



4278239001



4278241023



4293030911



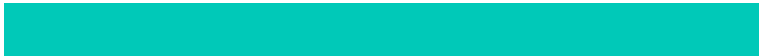
4294928932

Rectangle

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



4278239001



4278241720



4293030911



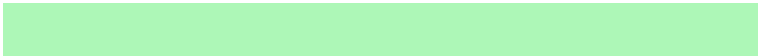
4294914196

Sweetspot

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



4278239001



4289591223



4289314560



4283465046



4294769916



4286414205

Same Dimension

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



4278239001



4278253344



4278239094



4283784790



4278230549



4278198020

Inverse Universe

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



4290707622



4294377687



4290707529



4284372317



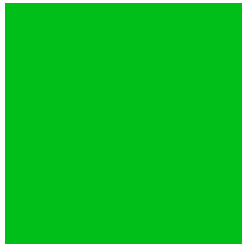
4288544905



4280221723

Previews

White Background



This preview shows how the Android color 4278239001 looks on a white background.

Color Contrast Check

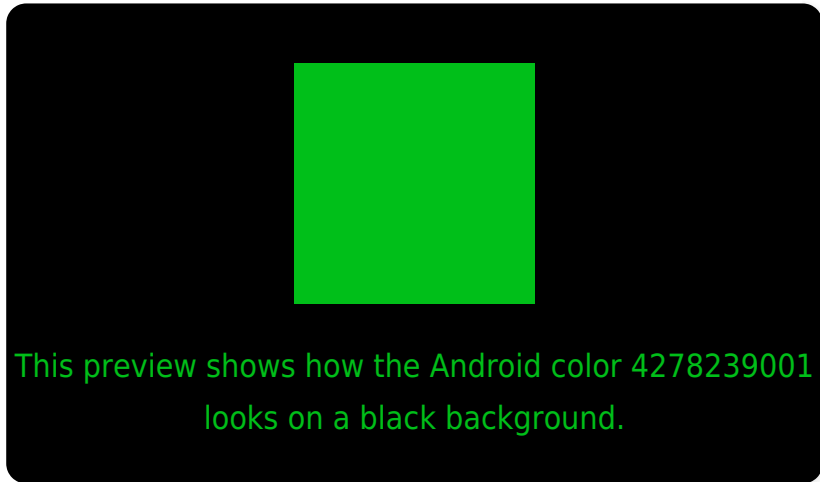
Large Text (above 18pt) WCAG AA × Fail

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 4278239001 Background



This preview shows how black text looks on a background with the Android color 4278239001.



This preview shows how white text looks on a background with the Android color 4278239001.

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
4278239001

Protanopia
4290290704

Deuteranopia
4291664687

Trichromacy



Original Color

4278239001



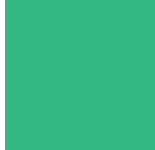
Protanomaly

4285902355



Deuteranomaly

4286752807



Tritanomaly

4281579395

Monochromacy



Original Color

4278239001



Achromatopsia

4285756275



Achromatomaly

4283010898

CSS Examples

Text

The CSS property to change the color of the text to Android 4278239001 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, 191, 25)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 25)  
}
```

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, 191, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 25) }
```

Border

The CSS property to change the border of an element to Android 4278239001 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, 191, 25) }
```

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

```
.border{ border-color:rgb(0, 191, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 25);  
box-shadow:4px 4px 4px 4px rgb(0, 191, 25)  
}
```

Background

The CSS property to change the background color of an element to Android 4278239001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 25) }
```

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

```
.background{ background-color: rgb(0, 191,  
25) }
```

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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