

Converting Colors

Android(4278238976)

Have a look what the booklet for
Android(4278238976) contains.

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Color

Android(4278238976)

Conversions

Conversions Part 1

Format	Color
Hex	00BF00
RGB	0, 191, 0
RGB Percent	0%, 75%, 0%
CMY	1.0000, 0.2510, 1.0000
CMYK	1.00, 0.00, 1.00, 0.25
HSL	120°, 100%, 37%
HSV	120°, 100%, 75%
XYZ	18.6308, 37.2616, 6.2103
YIQ	112.1170, -52.5250, -99.8930

Conversions

Conversions Part 2

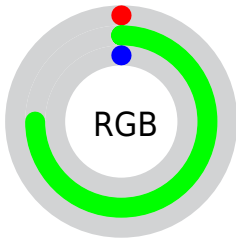
Format	Color
RYB	0, 191, 191
Decimal	48896
CIELab	67.47, -69.35, 66.93
CIELCh	67, 96.381, 136.016
Yxy	37.2616, 0.3000, 0.6000
Android (android.graphics.Color)	4278238976 (0xFF00BF00)
YUV	112.1170, -55.2737, -98.3266
Hunter-Lab	61.0423, -52.3438, 36.6976

Details

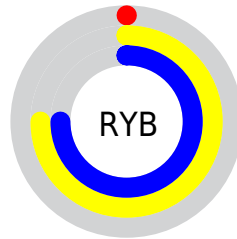
The Android color **4278238976** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **4290707647**, and the grayscale version is **4285624689**.

A 20% lighter version of the original color is **4284938574**, and **4278224896** is the 20% darker color. If you saturate the color by 10%, you get **4278238976**, and if you desaturate by 10%, it is **4279484179**.

Distribution



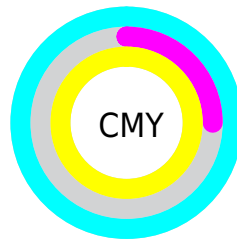
- Red (0%)
- Green (75%)
- Blue (0%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278238976 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 4278238976 by changing the saturation by 10% instead.

 4278238976

 4278238976

4294967295

 4278231808

 4284938574

 4278224896

 4287037291

 4278217984

 4289068935

 4278211328

 4291100580

 4278205184

 4293132224

 4278198528

 4294967261


 4278190080

 4294967291

 4278238976

 4279484179

 4280729382

 4281974585

 4283219788

 4284530528

 4285775731

 4287020934

 4288266137

 4289511340

Harmonies

Analogous

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



4288392960



4278238976



4278241143

Triad

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



4278238976



4278237951



4294913402

Complementary

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



4278238976



4290707647

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.



4294916305



4278238976



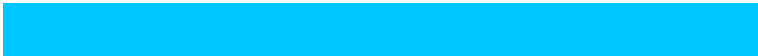
4278231039

Square

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



4278238976



4278241279



4292834047



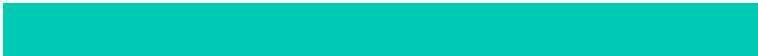
4294927651

Rectangle

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



4278238976



4278241716



4292834047



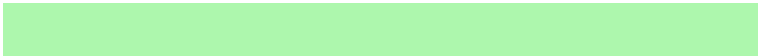
4294910359

Sweetspot

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



4278238976



4289591213



4290756352



4283465040



4294769916



4286414205

Same Dimension

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



4278238976



4278253312



4278239072



4283784789



4278230528



4278198016

Inverse Universe

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



4290707647



4294377719



4290707552



4284372318



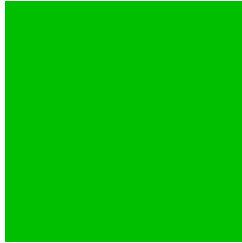
4288544926



4280221727

Previews

White Background



This preview shows how the Android color 4278238976 looks on a white background.

Color Contrast Check

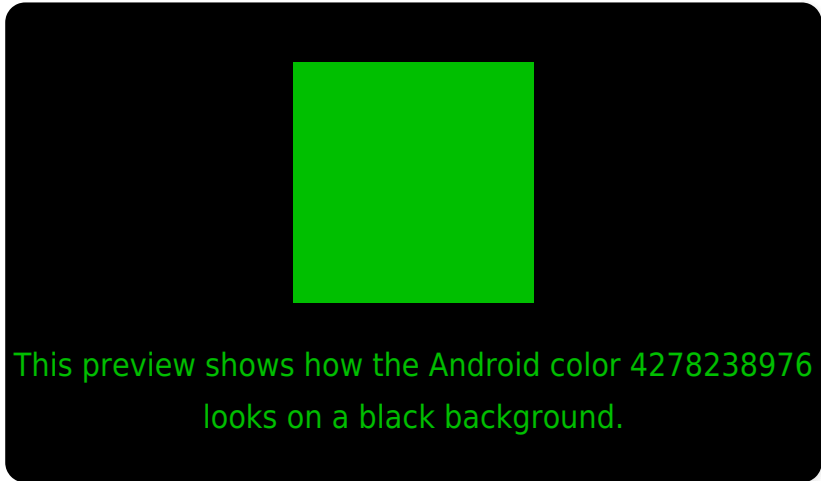
Large Text (above 18pt) WCAG AA × Fail

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

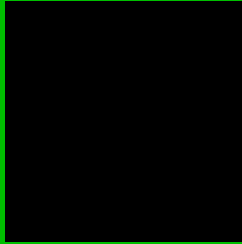
Any Text WCAG AA ✓ Pass

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 4278238976 Background



This preview shows how black text looks on a background with the Android color 4278238976.



This preview shows how white text looks on a background with the Android color 4278238976.

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

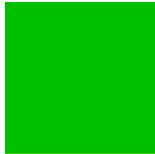


Original Color
4278238976

Protanopia
4290290688

Deuteranopia
4291664681

Trichromacy



Original Color

4278238976



Protanomaly

4285902336



Deuteranomaly

4286752794



Tritanomaly

4281579386

Monochromacy



Original Color

4278238976



Achromatopsia

4285558896



Achromatomaly

4282879303

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238976 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, 0)` looks like.

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

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, 0) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Android 4278238976 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, 0) }
```

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

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

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, 0)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Android 4278238976 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, 0) }
```

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

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

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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