

Converting Colors

Android(4278240823)

Have a look what the booklet for
Android(4278240823) contains.

| | |
|--|----|
| Android(4278240823) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4278240823)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00C637 |
| RGB | 0, 198, 55 |
| RGB Percent | 0%, 78%, 22% |
| CMY | 1.0000, 0.2235, 0.7843 |
| CMYK | 1.00, 0.00, 0.72, 0.22 |
| HSL | 137°, 100%, 39% |
| HSV | 137°, 100%, 78% |
| XYZ | 20.8837, 40.6640, 10.3627 |
| YIQ | 122.4960, -72.1050, -86.4490 |

Conversions

Conversions Part 2

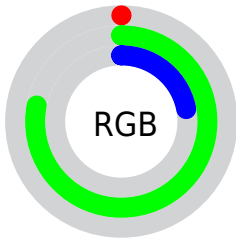
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 0, 155, 198 |
| Decimal | 50743 |
| CIELab | 69.94, -68.72, 56.86 |
| CIELCh | 70, 89.192, 140.395 |
| Yxy | 40.6640, 0.2904, 0.5655 |
| Android (android.graphics.Color) | 4278240823 (0xFF00C637) |
| YUV | 122.4960, -33.2755, -107.4290 |
| Hunter-Lab | 63.7683, -53.1371, 35.0029 |

Details

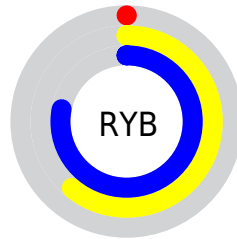
The Android color **4278240823** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **4291166351**, and the grayscale version is **4286282619**.

A 20% lighter version of the original color is **4284940142**, and **4278226432** is the 20% darker color. If you saturate the color by 10%, you get **4278240823**, and if you desaturate by 10%, it is **4279551557**.

Distribution



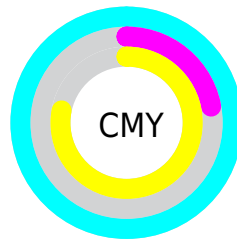
- Red (0%)
- Green (78%)
- Blue (22%)



- Red (0%)
- Yellow (61%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278240823 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 4278240823 by changing the saturation by 10% instead.

 4278240823

 4278240823

4294967295

 4278233623

 4284940142


 4278226432

 4287037321

 4278219520

 4289134501

 4278212864

 4291166145

 4278206464

 4293197790

 4278200320

4294967291

 4278190080

 4278240823

 4279551557

 4280862292

 4282107490

 4283418224

 4284728959

 4286039693

 4287350427

 4288595625

 4289906360

Harmonies

Analogous

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



4288263936



4278240823



4278242701

Triad

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



4278240823



4278238719



4294922616

Complementary

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



4278240823



4291166351

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.



4294922185



4278240823



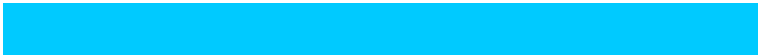
4284719615

Square

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



4278240823



4278242047



4294015231



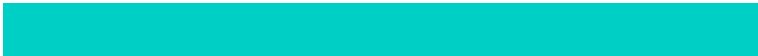
4294932777

Rectangle

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



4278240823



4278243270



4294015231



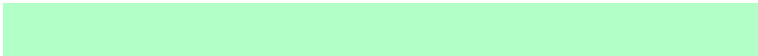
4294920594

Sweetspot

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



4278240823



4289986504



4287743488



4283596894



4278190080



4286611584

Same Dimension

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



4278240823



4278255431



4278240920



4284113756



4278231853



4278199306

Inverse Universe

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



4291166351



4294901944



4291166254



4284701281



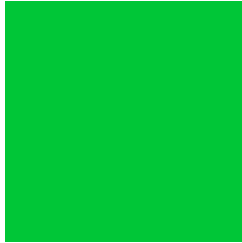
4288872566



4280549402

Previews

White Background



This preview shows how the Android color 4278240823 looks on a white background.

Color Contrast Check

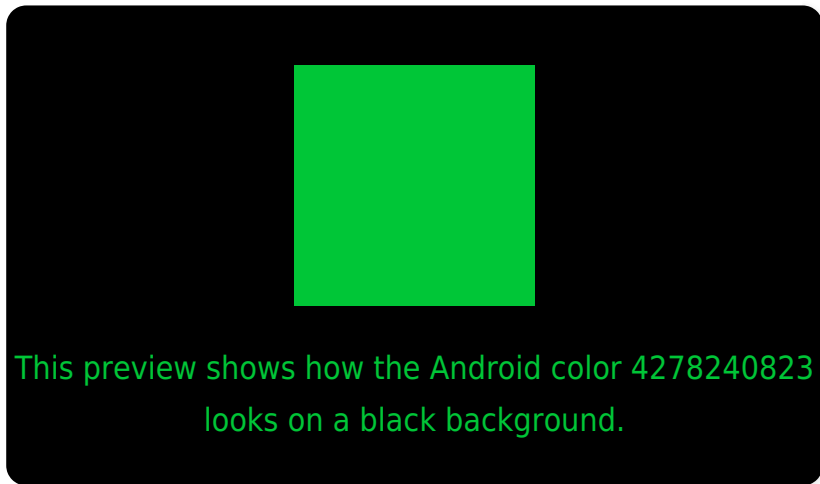
Large Text (above 18pt) WCAG AA × Fail

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 4278240823 Background



This preview shows how black text looks on a background with the Android color 4278240823.



This preview shows how white text looks on a background with the Android color 4278240823.

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



Trichromacy



Original Color

4278240823



Protanomaly

4286166067



Deuteranomaly

4287016512



Tritanomaly

4281646739

Monochromacy



Original Color

4278240823



Achromatopsia

4286216826



Achromatomaly

4283340386

CSS Examples

Text

The CSS property to change the color of the text to Android 4278240823 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, 198, 55)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 55)  
}
```

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, 198, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 55) }
```

Border

The CSS property to change the border of an element to Android 4278240823 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, 198, 55) }
```

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

```
.border{ border-color:rgb(0, 198, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 198, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 55);  
box-shadow:4px 4px 4px 4px rgb(0, 198, 55)  
}
```

Background

The CSS property to change the background color of an element to Android 4278240823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 55) }
```

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

```
.background{ background-color: rgb(0, 198,  
55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor