

Converting Colors

Android(4278240807)

Have a look what the booklet for
Android(4278240807) contains.

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Color

Android(4278240807)

Conversions

Conversions Part 1

Format	Color
Hex	00C627
RGB	0, 198, 39
RGB Percent	0%, 78%, 15%
CMY	1.0000, 0.2235, 0.8471
CMYK	1.00, 0.00, 0.80, 0.22
HSL	132°, 100%, 39%
HSV	132°, 100%, 78%
XYZ	20.5603, 40.5347, 8.6598
YIQ	120.6720, -66.9690, -91.4250

Conversions

Conversions Part 2

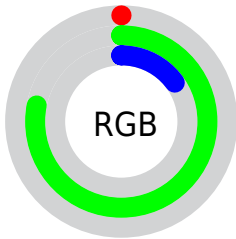
Format	Color
RYB	0, 165, 198
Decimal	50727
CIELab	69.85, -69.89, 62.01
CIELCh	70, 93.431, 138.421
Yxy	40.5347, 0.2948, 0.5811
Android (android.graphics.Color)	4278240807 (0xFF00C627)
YUV	120.6720, -40.2643, -105.8293
Hunter-Lab	63.6668, -53.7729, 36.5023

Details

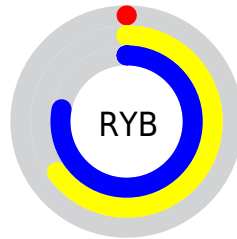
The Android color `4278240807` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4291166367`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4285005666`, and `4278226432` is the 20% darker color. If you saturate the color by 10%, you get `4278240807`, and if you desaturate by 10%, it is `4279551543`.

Distribution



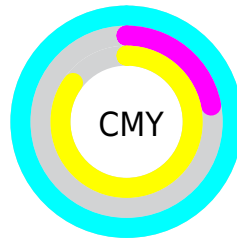
- Red (0%)
- Green (78%)
- Blue (15%)



- Red (0%)
- Yellow (65%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278240807 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 4278240807 by changing the saturation by 10% instead.

 4278240807

 4278240807

4294967295

 4278233600

 4285005666


 4278226432

 4287102845

 4278219520

 4289200025

 4278212864

 4291231670

 4278206464

 4293263314

 4278200320

 4294967280

 4278190080

 4278240807

 4279551543

 4280862279

 4282107479

 4283418215

 4284728951

 4286039686

 4287350422

 4288595622

 4289906358

Harmonies

Analogous

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



4288526080



4278240807



4278242694

Triad

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



4278240807



4278239231



4294919547

Complementary

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



4278240807



4291166367

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.



4294919887



4278240807



4282360831

Square

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



4278240807



4278242559



4293752831



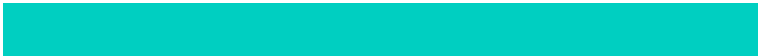
4294930983

Rectangle

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



4278240807



4278243265



4293752831



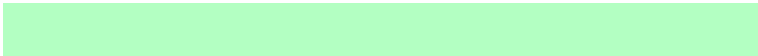
4294917271

Sweetspot

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



4278240807



4289986498



4288857600



4283596891



4278190080



4286611584

Same Dimension

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



4278240807



4278255410



4278240903



4284113755



4278231840



4278199303

Inverse Universe

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



4291166367



4294901965



4291166271



4284701281



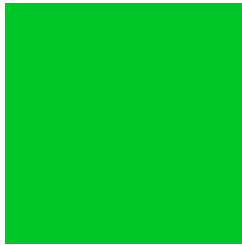
4288872579



4280549405

Previews

White Background



This preview shows how the Android color 4278240807 looks on a white background.

Color Contrast Check

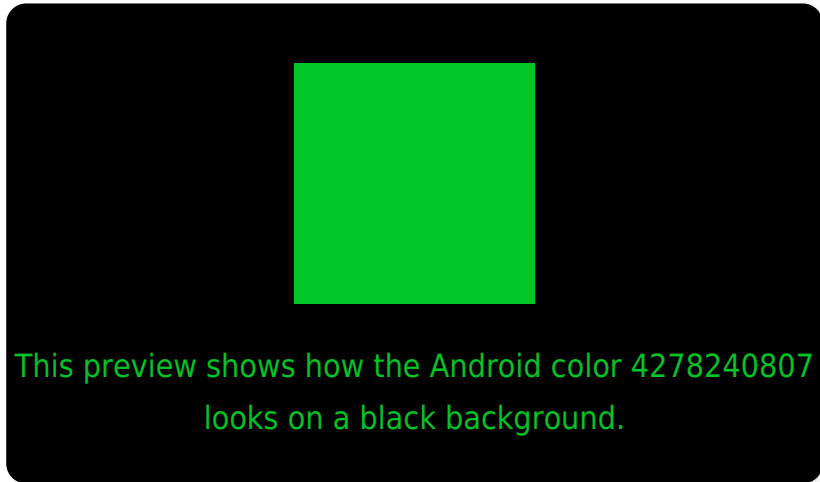
Large Text (above 18pt) WCAG AA × Fail

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 4278240807 Background



This preview shows how black text looks on a background with the Android color 4278240807.



This preview shows how white text looks on a background with the Android color 4278240807.

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

4278240807



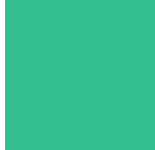
Protanomaly

4286231587



Deuteranomaly

4287082034



Tritanomaly

4281646477

Monochromacy



Original Color

4278240807



Achromatopsia

4286151033



Achromatomaly

4283274587

CSS Examples

Text

The CSS property to change the color of the text to Android 4278240807 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, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 39)  
}
```

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, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 39) }
```

Border

The CSS property to change the border of an element to Android 4278240807 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, 39) }
```

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

```
.border{ border-color:rgb(0, 198, 39) }
```

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, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 39);  
box-shadow:4px 4px 4px 4px rgb(0, 198, 39)  
}
```

Background

The CSS property to change the background color of an element to Android 4278240807 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, 39) }
```

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

```
.background{ background-color: rgb(0, 198,  
39) }
```

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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