

Converting Colors

Android(4278244198)

Have a look what the booklet for
Android(4278244198) contains.

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Color

Android(4278244198)

Conversions

Conversions Part 1

Format	Color
Hex	00D366
RGB	0, 211, 102
RGB Percent	0%, 83%, 40%
CMY	1.0000, 0.1725, 0.6000
CMYK	1.00, 0.00, 0.52, 0.17
HSL	149°, 100%, 41%
HSV	149°, 100%, 83%
XYZ	25.6925, 47.5478, 20.3939
YIQ	135.4850, -90.7670, -78.6310

Conversions

Conversions Part 2

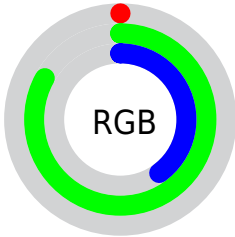
Format	Color
RYB	0, 142, 211
Decimal	54118
CIELab	74.54, -66.96, 41.67
CIELCh	75, 78.870, 148.106
Yxy	47.5478, 0.2744, 0.5078
Android (android.graphics.Color)	4278244198 (0xFF00D366)
YUV	135.4850, -16.5081, -118.8203
Hunter-Lab	68.9549, -54.1622, 30.7330

Details

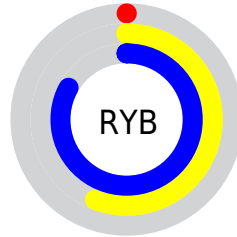
The Android color `4278244198` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292018285`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4285071259`, and `4278229811` is the 20% darker color. If you saturate the color by 10%, you get `4278244198`, and if you desaturate by 10%, it is `4279620465`.

Distribution



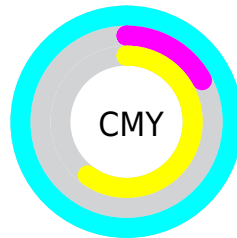
- Red (0%)
- Green (83%)
- Blue (40%)



- Red (0%)
- Yellow (56%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278244198 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 4278244198 by changing the saturation by 10% instead.

 4278244198

 4278244198

4294967295

 4278237004

 4285071259


 4278229811

 4287233974

 4278222873

 4289265619

 4278215936

 4291297263

 4278209280

 4293328895

 4278203392

 4278196480

 4278190080

 4278244198

 4279620465

 4280996732

 4282372999

 4283749266

 4285191068

 4286567335

 4287943602

 4289319869

 4290696136

Harmonies

Analogous

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



4288136993



4278244198



4278245552

Triad

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



4278244198



4278239743



4294932344

Complementary

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



4278244198



4292018285

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.



4294929855



4278244198



4289505023

Square

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



4278244198



4278244095



4294935807



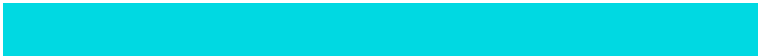
4294939960

Rectangle

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



4278244198



4278245858



4294935807



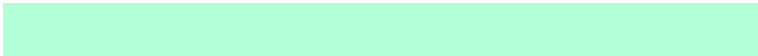
4294930575

Sweetspot

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



4278244198



4289986519



4285387520



4283596904



4278190080



4286611584

Same Dimension

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



4278244198



4278255483



4278244303



4284377443



4278233169



4278200596

Inverse Universe

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



4292018285



4294901892



4292018180



4285095523



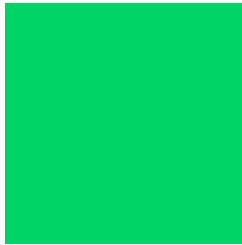
4289200215



4280877077

Previews

White Background



This preview shows how the Android color 4278244198 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



This preview shows how the Android color 4278244198 looks on a 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 4278244198 Background



This preview shows how black text looks on a background with the Android color 4278244198.

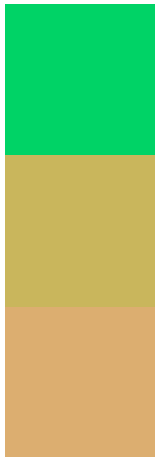


This preview shows how white text looks on a background with the Android color 4278244198.

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
4278244198

Protanopia
4291409500

Deuteranopia
4292652656

Trichromacy



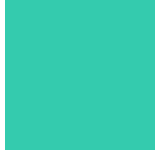
Original Color
4278244198



Protanomaly
4286628192



Deuteranomaly
4287413100



Tritanomaly
4281650094

Monochromacy



Original Color
4278244198



Achromatopsia
4287072135



Achromatomaly
4283868027

CSS Examples

Text

The CSS property to change the color of the text to Android 4278244198 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, 211, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 102)  
}
```

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, 211, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 102) }
```

Border

The CSS property to change the border of an element to Android 4278244198 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, 211, 102) }
```

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

```
.border{ border-color:rgb(0, 211, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 211, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 211,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4278244198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 211, 102) }
```

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

```
.background{ background-color: rgb(0, 211,  
102) }
```

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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