

Converting Colors

Android(4278772838)

Have a look what the booklet for
Android(4278772838) contains.

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Color

Android(4278772838)

Conversions

Conversions Part 1

Format	Color
Hex	08E466
RGB	8, 228, 102
RGB Percent	3%, 89%, 40%
CMY	0.9686, 0.1059, 0.6000
CMYK	0.96, 0.00, 0.55, 0.11
HSL	146°, 93%, 46%
HSV	146°, 96%, 89%
XYZ	30.2418, 56.4977, 21.8816
YIQ	147.8560, -90.6740, -85.8260

Conversions

Conversions Part 2

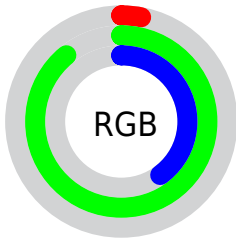
Format	Color
RYB	8, 162, 228
Decimal	582758
CIELab	79.90, -72.00, 48.19
CIELCh	80, 86.640, 146.206
Yxy	56.4977, 0.2784, 0.5201
Android (android.graphics.Color)	4278772838 (0xFF08E466)
YUV	147.8560, -22.6070, -122.6537
Hunter-Lab	75.1650, -59.7212, 35.3553

Details

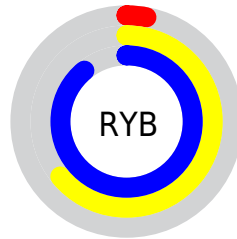
The Android color `4278772838` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4293134470`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4285464476`, and `4278233905` is the 20% darker color. If you saturate the color by 10%, you get `4278248545`, and if you desaturate by 10%, it is `4280280179`.

Distribution



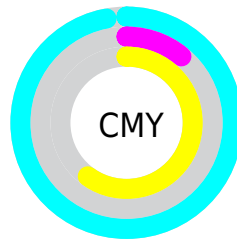
- Red (3%)
- Green (89%)
- Blue (40%)



- Red (3%)
- Yellow (64%)
- Blue (89%)



- Cyan (96%)
- Magenta (0%)
- Yellow (55%)
- Black (11%)



- Cyan (97%)
- Magenta (11%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278772838 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 4278772838 by changing the saturation by 10% instead.

 4278772838

 4278772838

4294967295

 4278241100

 4285464476

 4278233905

 4287692727

 4278226708

 4289789908

 4278219776

 4291821553

 4278213120

 4293918719

 4278206720

 4278200320

 4278190080

 4278772838

 4278772838

■ 4278248545

■ 4280280179

■ 4281787520

■ 4283229325

■ 4284736666

■ 4286244007

■ 4287751348

■ 4289258689

■ 4290700494

■ 4292207836

Harmonies

Analogous

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



4289189388



4278772838



4278250169

Triad

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



4278772838



4278244351



4294933380

Complementary

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



4278772838



4293134470

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.



4294931156



4278772838



4289705471

Square

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



4278772838



4278248703



4294938367



4294942267

Rectangle

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



4278772838



4278250481



4294938367



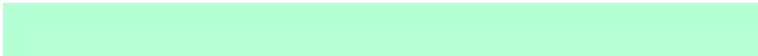
4294931614

Sweetspot

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



4278772838



4290117589



4287161352



4283662438



4278190080



4286611584

Same Dimension

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



4278772838



4278255469



4278772946



4284969836



4278235980



4278203158

Inverse Universe

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



4293134470



4294901906



4293134362



4285753198



4289921126



4281532445

Previews

White Background



This preview shows how the Android color 4278772838 looks on a white background.

Color Contrast Check

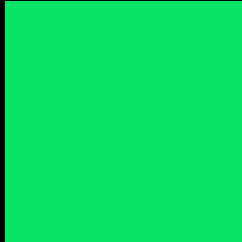
Large Text (above 18pt) WCAG AA × Fail

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 4278772838 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 4278772838 Background



This preview shows how black text looks on a background with the Android color 4278772838.

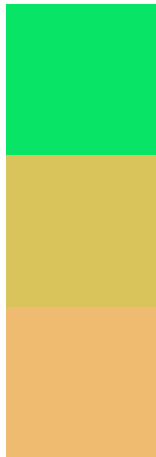


This preview shows how white text looks on a background with the Android color 4278772838.

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
4278772838

Protanopia
4292461660

Deuteranopia
4293901169

Trichromacy



Original Color
4278772838



Protanomaly
4287484000



Deuteranomaly
4288399981



Tritanomaly
4282178489

Monochromacy



Original Color
4278772838



Achromatopsia
4287927444



Achromatomaly
4284592515

CSS Examples

Text

The CSS property to change the color of the text to Android 4278772838 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(8, 228, 102)` looks like.

```
.text, #text, p{  
    color:rgb(8, 228, 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(8, 228, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 228, 102) }
```

Border

The CSS property to change the border of an element to Android 4278772838 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(8, 228, 102) }
```

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

```
.border{ border-color:rgb(8, 228, 102) }
```

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

Here you see how a box with a 4 pixel rgb(8, 228, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 228, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 228, 102);  
box-shadow:4px 4px 4px 4px rgb(8, 228,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4278772838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 228, 102) }
```

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

```
.background{ background-color: rgb(8, 228,  
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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