

Converting Colors

Android(4278757712)

Have a look what the booklet for
Android(4278757712) contains.

Android(4278757712)	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(4278757712)

Conversions

Conversions Part 1

Format	Color
Hex	08A950
RGB	8, 169, 80
RGB Percent	3%, 66%, 31%
CMY	0.9686, 0.3373, 0.6863
CMYK	0.95, 0.00, 0.53, 0.34
HSL	147°, 91%, 35%
HSV	147°, 95%, 66%
XYZ	15.7361, 29.0067, 12.3589
YIQ	110.7150, -67.3870, -61.8110

Conversions

Conversions Part 2

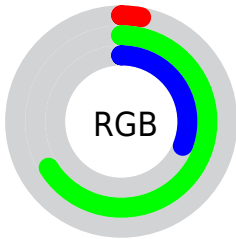
Format	Color
RYB	8, 119, 169
Decimal	567632
CIELab	60.79, -56.43, 35.56
CIElCh	61, 66.698, 147.785
Yxy	29.0067, 0.2756, 0.5080
Android (android.graphics.Color)	4278757712 (0xFF08A950)
YUV	110.7150, -15.1425, -90.0811
Hunter-Lab	53.8579, -42.0976, 24.0951

Details

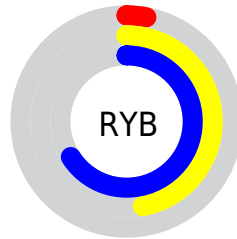
The Android color `4278757712` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4289267809`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4284342659`, and `4278219551` is the 20% darker color. If you saturate the color by 10%, you get `4278233420`, and if you desaturate by 10%, it is `4279871833`.

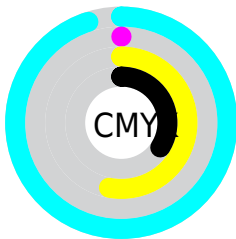
Distribution



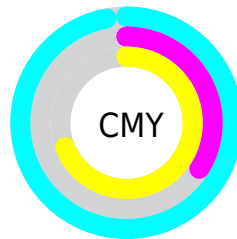
- Red (3%)
- Green (66%)
- Blue (31%)



- Red (3%)
- Yellow (47%)
- Blue (66%)



- Cyan (95%)
- Magenta (0%)
- Yellow (53%)
- Black (34%)



- Cyan (97%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278757712 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 4278757712 by changing the saturation by 10% instead.

 4278757712

 4278757712

4294967295

 4278226487

 4284342659

 4278219551

 4286381982

 4278212868

 4288348089

 4278206464

 4290314197

 4278200832

 4292280306

 4278191360

 4294246399

 4278190080

 4278757712

 4278757712

 4278233420

 4279871833

 4280985955

 4282100076

 4283214197

 4284262783

 4285376904

 4286491025

 4287605147

 4288719268

Harmonies

Analogous

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



4286160664



4278757712



4278234508

Triad

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



4278757712



4278230015



4294532703

Complementary

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



4278757712



4289267809

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.



4294465434



4278757712



4287137276

Square

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



4278757712



4278233334



4292176338



4292835116

Rectangle

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



4278757712



4278234805



4292176338



4294728050

Sweetspot

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



4278757712



4288469944



4284721416



4282871384



4293783021



4285427310

Same Dimension

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



4278757712



4278246242



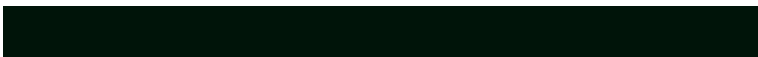
4278757790



4283192399



4278228034



4278195209

Inverse Universe

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



4289267809



4292542585



4289267731



4283714640



4287889490



4279500811

Previews

White Background



This preview shows how the Android color 4278757712 looks on a white background.

Color Contrast Check

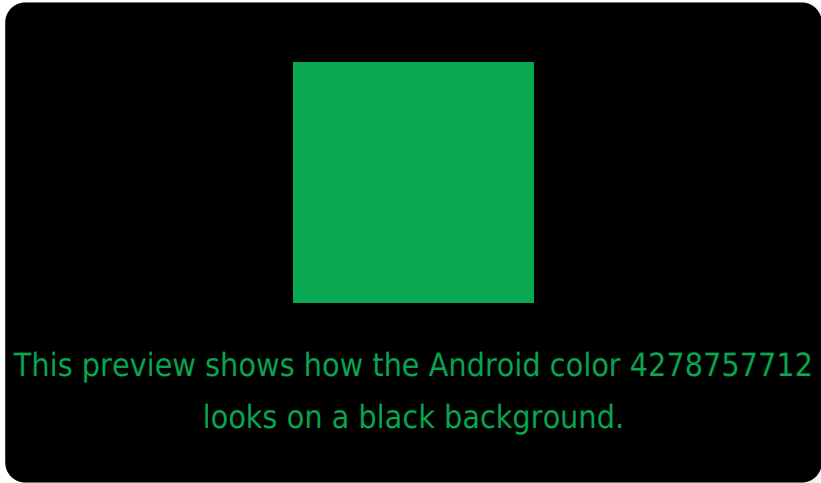
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278757712 Background



This preview shows how black text looks on a background with the Android color 4278757712.



This preview shows how white text looks on a background with the Android color 4278757712.

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
4278757712

Protanopia
4288778824

Deuteranopia
4289760088

Trichromacy



Original Color

4278757712



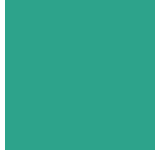
Protanomaly

4285110859



Deuteranomaly

4285765205



Tritanomaly

4281181067

Monochromacy



Original Color

4278757712



Achromatopsia

4285493103



Achromatomaly

4283073636

CSS Examples

Text

The CSS property to change the color of the text to Android 4278757712 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, 169, 80)` looks like.

```
.text, #text, p{  
    color:rgb(8, 169, 80)  
}
```

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, 169, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 169, 80) }
```

Border

The CSS property to change the border of an element to Android 4278757712 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, 169, 80) }
```

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

```
.border{ border-color:rgb(8, 169, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 169, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 169, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 169, 80);  
box-shadow:4px 4px 4px 4px rgb(8, 169, 80)  
}
```

Background

The CSS property to change the background color of an element to Android 4278757712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 169, 80) }
```

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

```
.background{ background-color: rgb(8, 169,  
80) }
```

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