

Converting Colors

Android(4280067746)

Have a look what the booklet for
Android(4280067746) contains.

Android(4280067746)	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(4280067746)

Conversions

Conversions Part 1

Format	Color
Hex	1CA6A2
RGB	28, 166, 162
RGB Percent	11%, 65%, 64%
CMY	0.8902, 0.3490, 0.3647
CMYK	0.83, 0.00, 0.02, 0.35
HSL	178°, 71%, 38%
HSV	178°, 83%, 65%
XYZ	20.6367, 30.1279, 38.9100
YIQ	124.2820, -80.9640, -30.5000

Conversions

Conversions Part 2

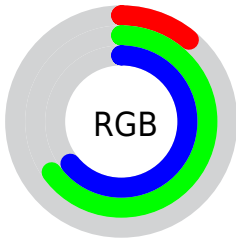
Format	Color
R_{YB}	28, 98, 166
Decimal	1877666
CIE _{Lab}	61.76, -34.67, -7.85
CIE _{LCh}	62, 35.551, 192.756
Yxy	30.1279, 0.2301, 0.3360
Android (android.graphics.Color)	4280067746 (0xFF1CA6A2)
YUV	124.2820, 18.5950, -84.4393
Hunter-Lab	54.8889, -28.9446, -3.6076

Details

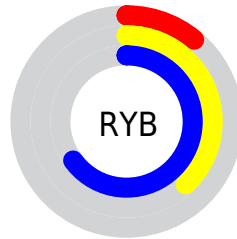
The Android color **4280067746** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4289076256**, and the grayscale version is **4286348412**.

A 20% lighter version of the original color is **4284931801**, and **4278219118** is the 20% darker color. If you saturate the color by 10%, you get **4278953634**, and if you desaturate by 10%, it is **4281181858**.

Distribution



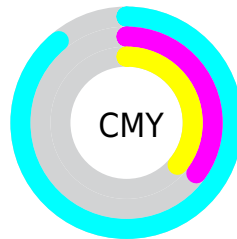
- Red (11%)
- Green (65%)
- Blue (64%)



- Red (11%)
- Yellow (38%)
- Blue (65%)



- Cyan (83%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (89%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280067746 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 4280067746 by changing the saturation by 10% instead.

 4280067746

 4280067746

4294967295

 4278225800

 4284931801

 4278219118

 4286905077

 4278212694

 4288872447

 4278206527

 4290838527

 4278200873

 4292804607

 4278193429


 4294770687

 4278190080

 4280067746

 4280067746

 4278953634

 4281181858

■ 4278232737

■ 4282230435

■ 4283344547

■ 4284393124

■ 4285507236

■ 4286621349

■ 4287669925

■ 4288784038

■ 4289832614

Harmonies

Analogous

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



4283540865



4280067746



4278232255

Triad

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



4280067746



4289366212



4290350425

Complementary

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



4280067746



4289076256

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.



4291658604



4280067746



4291264425

Square

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



4280067746



4286420178



4291984777



4288452695

Rectangle

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



4280067746



4281245900



4291984777



4290873694

Sweetspot

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



4280067746



4288928215



4280395292



4283264621



4293783021



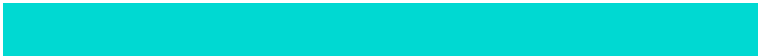
4285427310

Same Dimension

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



4280067746



4278245842



4280051366



4283192404



4278228112



4278195220

Inverse Universe

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



4289076256



4292411398



4289092636



4283714636



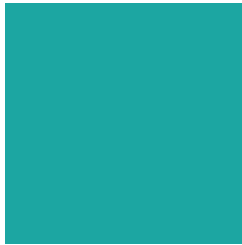
4287889412



4279500801

Previews

White Background



This preview shows how the Android color 4280067746 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 4280067746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

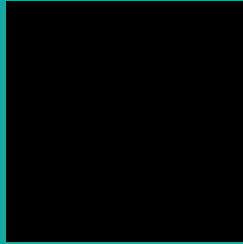
Any Text WCAG AA ✓ Pass

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 4280067746 Background



This preview shows how black text looks on a background with the Android color 4280067746.

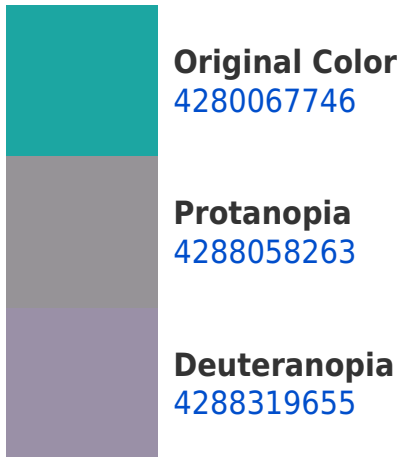


This preview shows how white text looks on a background with the Android color 4280067746.

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

4280067746



Protanomaly

4285176475



Deuteranomaly

4285307045



Tritanomaly

4280657324

Monochromacy



Original Color

4280067746



Achromatopsia

4286348412



Achromatomaly

4284058506

CSS Examples

Text

The CSS property to change the color of the text to Android 4280067746 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(28, 166, 162)` looks like.

```
.text, #text, p{  
    color:rgb(28, 166, 162)  
}
```

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(28, 166, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 166, 162) }
```

Border

The CSS property to change the border of an element to Android 4280067746 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(28, 166, 162) }
```

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

```
.border{ border-color:rgb(28, 166, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 166, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 166, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 166, 162);  
box-shadow:4px 4px 4px 4px rgb(28, 166,  
162) }
```

Background

The CSS property to change the background color of an element to Android 4280067746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 166, 162) }
```

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

```
.background{ background-color: rgb(28, 166,  
162) }
```

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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