

Converting Colors

Android(4278237860)

Have a look what the booklet for
Android(4278237860) contains.

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Color

Android(4278237860)

Conversions

Conversions Part 1

Format	Color
Hex	00BAA4
RGB	0, 186, 164
RGB Percent	0%, 73%, 64%
CMY	1.0000, 0.2706, 0.3569
CMYK	1.00, 0.00, 0.12, 0.27
HSL	173°, 100%, 36%
HSV	173°, 100%, 73%
XYZ	24.2597, 37.7981, 41.1391
YIQ	127.8780, -103.7940, -46.2740

Conversions

Conversions Part 2

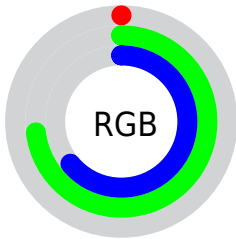
Format	Color
RYB	0, 99, 186
Decimal	47780
CIELab	67.87, -44.35, 0.02
CIELCh	68, 44.350, 179.975
Yxy	37.7981, 0.2351, 0.3663
Android (android.graphics.Color)	4278237860 (0xFF00BAA4)
YUV	127.8780, 17.8081, -112.1490
Hunter-Lab	61.4802, -37.1552, 3.3626

Details

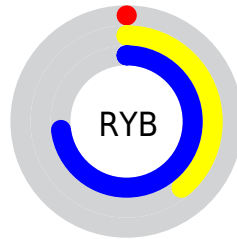
The Android color **4278237860** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **4290379798**, and the grayscale version is **4286611584**.

A 20% lighter version of the original color is **4284740571**, and **4278223984** is the 20% darker color. If you saturate the color by 10%, you get **4278237860**, and if you desaturate by 10%, it is **4279483046**.

Distribution



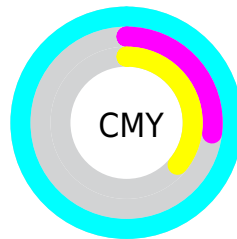
- Red (0%)
- Green (73%)
- Blue (64%)



- Red (0%)
- Yellow (39%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278237860 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 4278237860 by changing the saturation by 10% instead.

 4278237860

 4278237860

4294967295

 4278230922

 4284740571

 4278223984

 4286840823

 4278217304

 4288806911

 4278210881

 4290838527

 4278204459

 4292870143

 4278199062


4294836223

 4278190080

 4278237860

 4279483046

 4280662696

 4281907883

 4283087533

 4284332719

 4285577905

 4286757555

 4288002742

 4289182392

Harmonies

Analogous

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



4284725116



4278237860



4278237644

Triad

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



4278237860



4289305579



4292777313

Complementary

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



4278237860



4290379798

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.



4293953664



4278237860



4292316366

Square

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



4278237860



4284721653



4293887399



4290683732

Rectangle

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



4278237860



4278236898



4293887399



4293300330

Sweetspot

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



4278237860



4289393386



4279876096



4283333237



4294638330



4286216826

Same Dimension

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



4278237860



4278252246



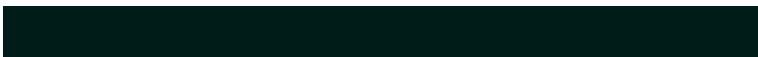
4278220474



4283653211



4278230153



4278197273

Inverse Universe

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



4290379798



4294049821



4290397184



4284240724



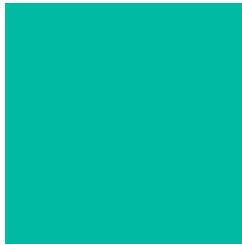
4288413714



4280025091

Previews

White Background



This preview shows how the Android color 4278237860 looks on a white background.

Color Contrast Check

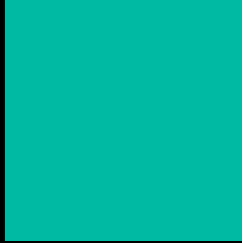
Large Text (above 18pt) WCAG AA × Fail

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 4278237860 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

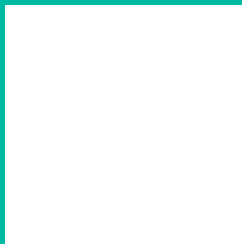
Any Text WCAG AAA ✓ Pass

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

Android 4278237860 Background



This preview shows how black text looks on a background with the Android color 4278237860.

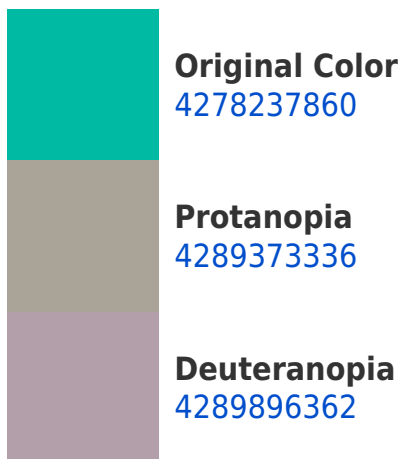


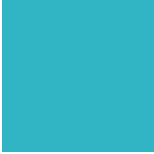
This preview shows how white text looks on a background with the Android color 4278237860.

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





Tritanopia
4281447876

Trichromacy



Original Color

4278237860



Protanomaly

4285312156



Deuteranomaly

4285639080



Tritanomaly

4280268728

Monochromacy



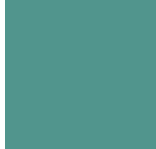
Original Color

4278237860



Achromatopsia

4286611584



Achromatomaly

4283536781

CSS Examples

Text

The CSS property to change the color of the text to Android 4278237860 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, 186, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 164)  
}
```

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, 186, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 164) }
```

Border

The CSS property to change the border of an element to Android 4278237860 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, 186, 164) }
```

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

```
.border{ border-color:rgb(0, 186, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
164) }
```

Background

The CSS property to change the background color of an element to Android 4278237860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 164) }
```

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

```
.background{ background-color: rgb(0, 186,  
164) }
```

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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