

Converting Colors

Android(4278237882)

Have a look what the booklet for
Android(4278237882) contains.

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Color

Android(4278237882)

Conversions

Conversions Part 1

Format	Color
Hex	00BABA
RGB	0, 186, 186
RGB Percent	0%, 73%, 73%
CMY	1.0000, 0.2706, 0.2706
CMYK	1.00, 0.00, 0.00, 0.27
HSL	180°, 100%, 36%
HSV	180°, 100%, 73%
XYZ	26.4218, 38.6630, 52.5245
YIQ	130.3860, -110.8560, -39.4320

Conversions

Conversions Part 2

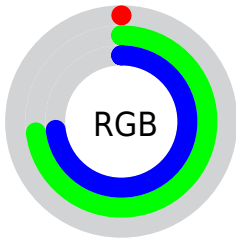
Format	Color
RYB	0, 93, 186
Decimal	47802
CIELab	68.51, -37.93, -11.15
CIELCh	69, 39.537, 196.386
Yxy	38.6630, 0.2247, 0.3287
Android (android.graphics.Color)	4278237882 (0xFF00BABA)
YUV	130.3860, 27.4177, -114.3485
Hunter-Lab	62.1796, -32.9646, -6.5579

Details

The Android color **4278237882** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **4290379776**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4284871666**, and **4278224005** is the 20% darker color. If you saturate the color by 10%, you get **4278237882**, and if you desaturate by 10%, it is **4279483066**.

Distribution



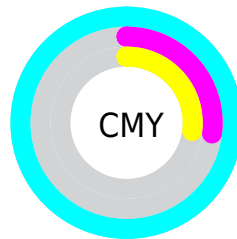
- Red (0%)
- Green (73%)
- Blue (73%)



- Red (0%)
- Yellow (36%)
- Blue (73%)



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



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278237882 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 4278237882 by changing the saturation by 10% instead.

 4278237882

 4278237882

4294967295

 4278230943

 4284871666


 4278224005

 4286971903

 4278217324

 4289069055

 4278210900

 4291035135

 4278204733

 4293066751

 4278199591

 4278190355

 4278190080

 4278237882

 4279483066

 4280662714

 4281907898

 4283087546

 4284332730

 4285577914

 4286757562

 4288002746

 4289182394

Harmonies

Analogous

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



4283677077



4278237882



4278237146

Triad

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



4278237882



4291008473



4291600225

Complementary

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



4278237882



4290379776

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.



4293170037



4278237882



4293037497

Square

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



4278237882



4287800555



4293757845



4289440609

Rectangle

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



4278237882



4281905896



4293757845



4292254566

Sweetspot

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



4278237882



4289393394



4278237696



4283333242



4294638330



4286216826

Same Dimension

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



4278237882



4278252274



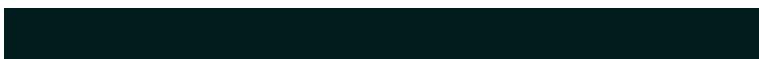
4278214074



4283653212



4278230172



4278197276

Inverse Universe

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



4290379962



4294050034



4290403584



4284240732



4288413852



4280025116

Previews

White Background



This preview shows how the Android color 4278237882 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 4278237882 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

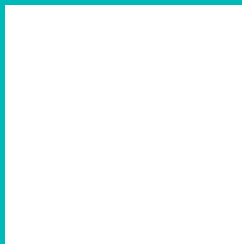
Any Text WCAG AAA ✓ Pass

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

Android 4278237882 Background



This preview shows how black text looks on a background with the Android color 4278237882.

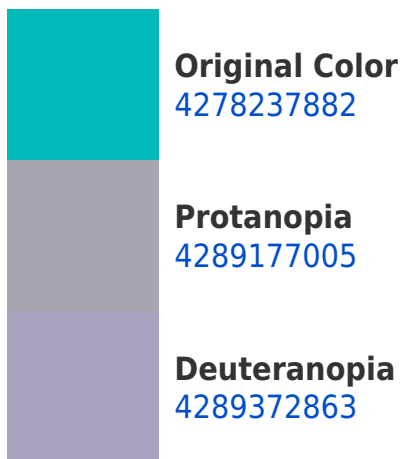


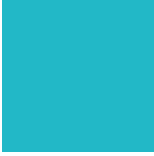
This preview shows how white text looks on a background with the Android color 4278237882.

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



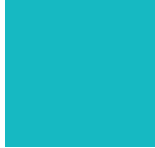
Original Color
4278237882



Protanomaly
4285181362



Deuteranomaly
4285311933



Tritanomaly
4279679426

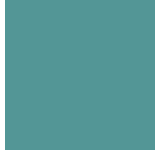
Monochromacy



Original Color
4278237882



Achromatopsia
4286743170



Achromatomaly
4283668118

CSS Examples

Text

The CSS property to change the color of the text to Android 4278237882 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, 186)` looks like.

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

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, 186) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Android 4278237882 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, 186) }
```

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

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

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, 186)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Android 4278237882 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, 186) }
```

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

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

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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