

Converting Colors

Android(4278236857)

Have a look what the booklet for
Android(4278236857) contains.

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Color

Android(4278236857)

Conversions

Conversions Part 1

Format	Color
Hex	00B6B9
RGB	0, 182, 185
RGB Percent	0%, 71%, 73%
CMY	1.0000, 0.2863, 0.2745
CMYK	1.00, 0.02, 0.00, 0.27
HSL	181°, 100%, 36%
HSV	181°, 100%, 73%
XYZ	25.4849, 36.9587, 51.6895
YIQ	127.9240, -109.4350, -37.6510

Conversions

Conversions Part 2

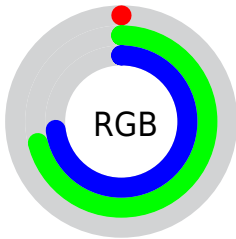
Format	Color
RYB	0, 92, 185
Decimal	46777
CIELab	67.25, -36.40, -12.49
CIElCh	67, 38.485, 198.940
Yxy	36.9587, 0.2233, 0.3238
Android (android.graphics.Color)	4278236857 (0xFF00B6B9)
YUV	127.9240, 28.1385, -112.1893
Hunter-Lab	60.7937, -31.5611, -7.8555

Details

The Android color **4278236857** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **4290315008**, and the grayscale version is **4286611584**.

A 20% lighter version of the original color is **4284804849**, and **4278222980** is the 20% darker color. If you saturate the color by 10%, you get **4278236857**, and if you desaturate by 10%, it is **4279416505**.

Distribution



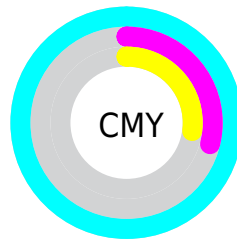
- Red (0%)
- Green (71%)
- Blue (73%)



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



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236857 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 4278236857 by changing the saturation by 10% instead.



4278236857



4278236857

4294967295



4278229918



4284804849



4278222980



4286906367



4278216555



4289003519



4278210131



4290969599



4278203964



4293001215



4278198822



4278190353



4278190080



4278236857

■ 4279416505

■ 4280661945

■ 4281907129

■ 4283086777

■ 4284332217

■ 4285511865

■ 4286757049

■ 4287936697

■ 4289182137

Harmonies

Analogous

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



4283348373



4278236857



4278236119

Triad

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



4278236857



4291007442



4291206495

Complementary

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



4278236857



4290315008

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.



4292710769



4278236857



4292840114

Square

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



4278236857



4287930341



4293364111



4288981345

Rectangle

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



4278236857



4282429156



4293364111



4291795299

Sweetspot

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



4278236857



4289261552



4278237440



4283266936



4294440951



4286085240

Same Dimension

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



4278236857



4278250736



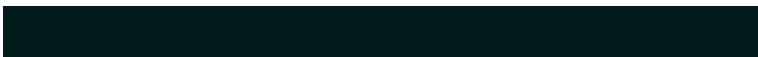
4278214073



4283653212



4278229404



4278197276

Inverse Universe

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



4290314422



4293918956



4290338048



4284240732



4288413849



4280025116

Previews

White Background



This preview shows how the Android color 4278236857 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 4278236857 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 4278236857 Background



This preview shows how black text looks on a background with the Android color 4278236857.

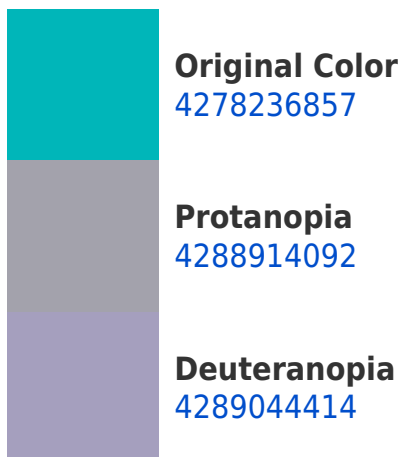


This preview shows how white text looks on a background with the Android color 4278236857.

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

4278236857



Protanomaly

4285049265



Deuteranomaly

4285114300



Tritanomaly

4279481791

Monochromacy



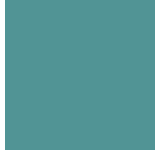
Original Color

4278236857



Achromatopsia

4286611584



Achromatomaly

4283536533

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236857 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, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 182, 185)  
}
```

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, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 182, 185) }
```

Border

The CSS property to change the border of an element to Android 4278236857 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, 182, 185) }
```

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

```
.border{ border-color:rgb(0, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 182,  
185) }
```

Background

The CSS property to change the background color of an element to Android 4278236857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 182, 185) }
```

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

```
.background{ background-color: rgb(0, 182,  
185) }
```

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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