

Converting Colors

Android(4278303161)

Have a look what the booklet for
Android(4278303161) contains.

Android(4278303161)	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(4278303161)

Conversions

Conversions Part 1

Format	Color
Hex	01B9B9
RGB	1, 185, 185
RGB Percent	0%, 73%, 73%
CMY	0.9961, 0.2745, 0.2745
CMYK	0.99, 0.00, 0.00, 0.27
HSL	180°, 99%, 36%
HSV	180°, 99%, 73%
XYZ	26.1184, 38.2072, 51.8971
YIQ	129.9840, -109.6640, -39.0080

Conversions

Conversions Part 2

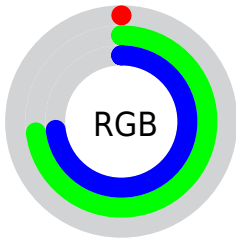
Format	Color
RYB	1, 93, 185
Decimal	113081
CIELab	68.17, -37.75, -11.10
CIELCh	68, 39.346, 196.389
Yxy	38.2072, 0.2247, 0.3287
Android (android.graphics.Color)	4278303161 (0xFF01B9B9)
YUV	129.9840, 27.1229, -113.1190
Hunter-Lab	61.8119, -32.7463, -6.5113

Details

The Android color `4278303161` is a dark color, and the websafe version is hex `33CCCC`. A complement of this color would be `4290314497`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4284871409`, and `4278223748` is the 20% darker color. If you saturate the color by 10%, you get `4278237625`, and if you desaturate by 10%, it is `4279482809`.

Distribution



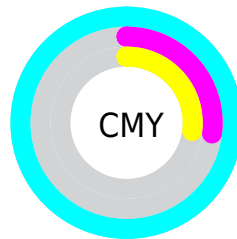
- Red (0%)
- Green (73%)
- Blue (73%)



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



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278303161 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 4278303161 by changing the saturation by 10% instead.



4278303161



4278303161

4294967295



4278230686



4284871409



4278223748



4286971903



4278217067



4289003519



4278210643



4291035135



4278204476



4293066751



4278199334



4278190354



4278190080



4278303161



4278303161

■ 4278237625

■ 4279482809

■ 4280727993

■ 4281907641

■ 4283152825

■ 4284398009

■ 4285577657

■ 4286822841

■ 4288002489

■ 4289247673

Harmonies

Analogous

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



4283611284



4278303161



4278236889

Triad

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



4278303161



4290942679



4291534433

Complementary

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



4278303161



4290314497

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.



4293104244



4278303161



4292971704

Square

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



4278303161



4287800298



4293626772



4289374817

Rectangle

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



4278303161



4281905639



4293626772



4292123238

Sweetspot

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



4278303161



4289261808



4278302977



4283267192



4294440951



4286085240

Same Dimension

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



4278303161



4278251760



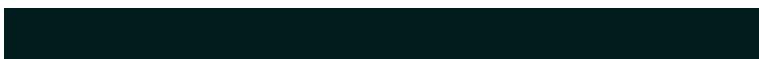
4278279609



4283653212



4278230172



4278197276

Inverse Universe

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



4290314681



4293918960



4290338049



4284240732



4288413852



4280025116

Previews

White Background



This preview shows how the Android color 4278303161 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 4278303161 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

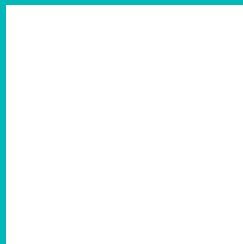
Any Text WCAG AAA ✓ Pass

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

Android 4278303161 Background



This preview shows how black text looks on a background with the Android color 4278303161.



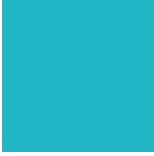
This preview shows how white text looks on a background with the Android color 4278303161.

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
4278303161



Protanomaly
4285181105



Deuteranomaly
4285311676



Tritanomaly
4279679169

Monochromacy



Original Color
4278303161



Achromatopsia
4286743170



Achromatomaly
4283668118

CSS Examples

Text

The CSS property to change the color of the text to Android 4278303161 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(1, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(1, 185, 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(1, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 185, 185) }
```

Border

The CSS property to change the border of an element to Android 4278303161 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(1, 185, 185) }
```

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

```
.border{ border-color:rgb(1, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(1, 185,  
185) }
```

Background

The CSS property to change the background color of an element to Android 4278303161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 185, 185) }
```

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

```
.background{ background-color: rgb(1, 185,  
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](#).

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