

Converting Colors

Android(4278236603)

Have a look what the booklet for
Android(4278236603) contains.

Android(4278236603)	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(4278236603)

Conversions

Conversions Part 1

Format	Color
Hex	00B5BB
RGB	0, 181, 187
RGB Percent	0%, 71%, 73%
CMY	1.0000, 0.2902, 0.2667
CMYK	1.00, 0.03, 0.00, 0.27
HSL	182°, 100%, 37%
HSV	182°, 100%, 73%
XYZ	25.4935, 36.6356, 52.7414
YIQ	127.5650, -109.8020, -36.5060

Conversions

Conversions Part 2

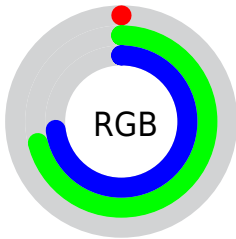
Format	Color
RYB	0, 92, 187
Decimal	46523
CIELab	67.00, -35.32, -13.96
CIELCh	67, 37.977, 201.571
Yxy	36.6356, 0.2219, 0.3189
Android (android.graphics.Color)	4278236603 (0xFF00B5BB)
YUV	127.5650, 29.3015, -111.8745
Hunter-Lab	60.5274, -30.7405, -9.2941

Details

The Android color **4278236603** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **4290446848**, and the grayscale version is **4286545791**.

A 20% lighter version of the original color is **4284804595**, and **4278222726** is the 20% darker color. If you saturate the color by 10%, you get **4278236603**, and if you desaturate by 10%, it is **4279482043**.

Distribution



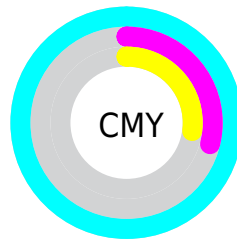
- Red (0%)
- Green (71%)
- Blue (73%)



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



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278236603 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 4278236603 by changing the saturation by 10% instead.

 4278236603

 4278236603

4294967295

 4278229664

 4284804595

 4278222726

 4286971903

 4278216301

 4289003519

 4278209876

 4290969599

 4278203709

 4293001215

 4278198567

 4278190355

 4278190080

 4278236603

 4279482043

 4280661691

 4281907131

 4283152315

 4284397755

 4285577659

 4286822843

 4288068283

 4289247931

Harmonies

Analogous

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



4283086232



4278236603



4279349720

Triad

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



4278236603



4291137998



4290944607

Complementary

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



4278236603



4290446848

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.



4292579951



4278236603



4292839854

Square

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



4278236603



4288257762



4293233036



4288719202

Rectangle

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



4278236603



4282952931



4293233036



4291533410

Sweetspot

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



4278236603



4289392882



4278237955



4283332986



4294638330



4286216826

Same Dimension

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



4278236603



4278250226



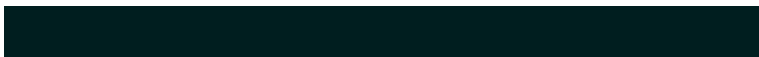
4278213307



4283784798



4278229406



4278197791

Inverse Universe

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



4290445493



4294050026



4290470144



4284372318



4288544921



4280221726

Previews

White Background



This preview shows how the Android color 4278236603 looks on a white background.

Color Contrast Check

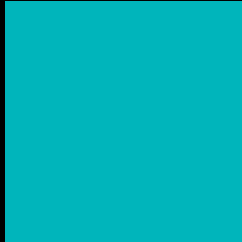
Large Text (above 18pt) WCAG AA × Fail

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 4278236603 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

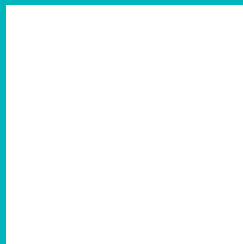
Any Text WCAG AAA ✓ Pass

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

Android 4278236603 Background



This preview shows how black text looks on a background with the Android color 4278236603.

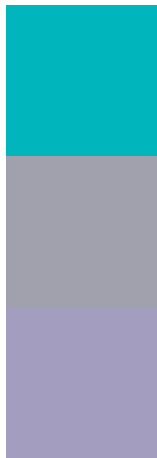


This preview shows how white text looks on a background with the Android color 4278236603.

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](#).

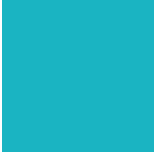
Dichromacy



Original Color
4278236603

Protanopia
4288782766

Deuteranopia
4288913088



Tritanopia
4279940290

Trichromacy



Original Color

4278236603



Protanomaly

4284917939



Deuteranomaly

4285048510



Tritanomaly

4279350463

Monochromacy



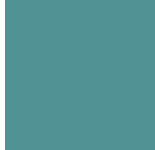
Original Color

4278236603



Achromatopsia

4286611584



Achromatomaly

4283536277

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236603 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, 181, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 187)  
}
```

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, 181, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 187) }
```

Border

The CSS property to change the border of an element to Android 4278236603 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, 181, 187) }
```

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

```
.border{ border-color:rgb(0, 181, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 181, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
187) }
```

Background

The CSS property to change the background color of an element to Android 4278236603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 187) }
```

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

```
.background{ background-color: rgb(0, 181,  
187) }
```

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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