

Converting Colors

Android(4278237629)

Have a look what the booklet for
Android(4278237629) contains.

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Color

Android(4278237629)

Conversions

Conversions Part 1

Format	Color
Hex	00B9BD
RGB	0, 185, 189
RGB Percent	0%, 73%, 74%
CMY	1.0000, 0.2745, 0.2588
CMYK	1.00, 0.02, 0.00, 0.26
HSL	181°, 100%, 37%
HSV	181°, 100%, 74%
XYZ	26.5343, 38.3720, 54.1522
YIQ	130.1410, -111.5440, -37.9760

Conversions

Conversions Part 2

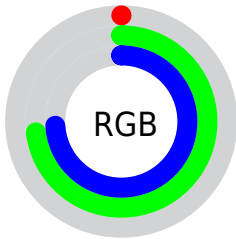
Format	Color
RYB	0, 93, 189
Decimal	47549
CIELab	68.29, -36.55, -13.12
CIElCh	68, 38.837, 199.750
Yxy	38.3720, 0.2229, 0.3223
Android (android.graphics.Color)	4278237629 (0xFF00B9BD)
YUV	130.1410, 29.0175, -114.1337
Hunter-Lab	61.9452, -31.9434, -8.4694

Details

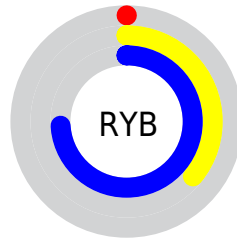
The Android color **4278237629** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **4290577408**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4284871413**, and **4278223752** is the 20% darker color. If you saturate the color by 10%, you get **4278237629**, and if you desaturate by 10%, it is **4279482813**.

Distribution



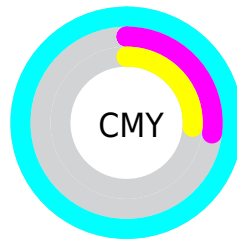
- Red (0%)
- Green (73%)
- Blue (74%)



- Red (0%)
- Yellow (36%)
- Blue (74%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278237629 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 4278237629 by changing the saturation by 10% instead.

 4278237629

 4278237629

4294967295

 4278230690

 4284871413


 4278223752

 4287037439

 4278217070

 4289069055

 4278210902

 4291100671

 4278204735

 4293132287

 4278199593

 4278190357

 4278190080

 4278237629

■ 4279482813

■ 4280728253

■ 4281973437

■ 4283218877

■ 4284464061

■ 4285643709

■ 4286889149

■ 4288134333

■ 4289379773

Harmonies

Analogous

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



4283349145



4278237629



4278236891

Triad

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



4278237629



4291270100



4291338337

Complementary

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



4278237629



4290577408

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.



4292908146



4278237629



4293102772

Square

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



4278237629



4288258792



4293627025



4289113187

Rectangle

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



4278237629



4282692072



4293627025



4291927141

Sweetspot

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



4278237629



4289459189



4278238467



4283332986



4294638330



4286216826

Same Dimension

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



4278237629



4278251765



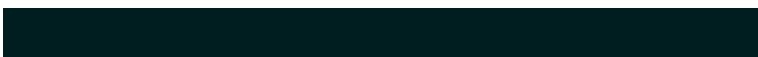
4278213565



4283784798



4278229918



4278197791

Inverse Universe

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



4290576569



4294246640



4290601472



4284372318



4288544923



4280221726

Previews

White Background



This preview shows how the Android color 4278237629 looks on a white background.

Color Contrast Check

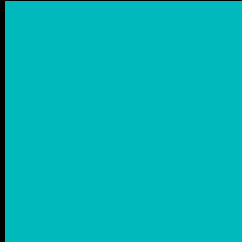
Large Text (above 18pt) WCAG AA × Fail

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 4278237629 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 4278237629 Background



This preview shows how black text looks on a background with the Android color 4278237629.

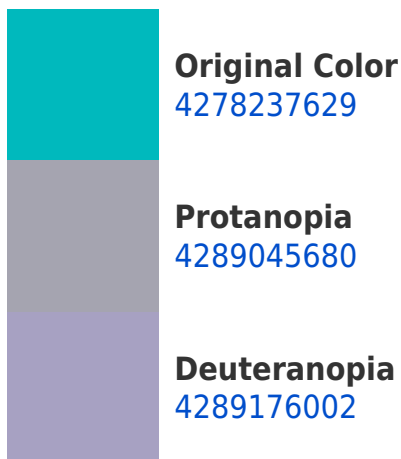


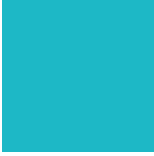
This preview shows how white text looks on a background with the Android color 4278237629.

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





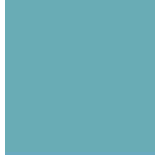
Tritanopia
4280137926

Trichromacy



Original Color

4278237629



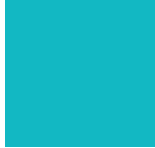
Protanomaly

4285115573



Deuteranomaly

4285180608



Tritanomaly

4279417027

Monochromacy



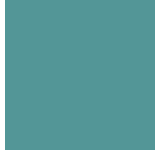
Original Color

4278237629



Achromatopsia

4286743170



Achromatomaly

4283668119

CSS Examples

Text

The CSS property to change the color of the text to Android 4278237629 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, 185, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 189)  
}
```

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, 185, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 189) }
```

Border

The CSS property to change the border of an element to Android 4278237629 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, 185, 189) }
```

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

```
.border{ border-color:rgb(0, 185, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 185, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 185,  
189) }
```

Background

The CSS property to change the background color of an element to Android 4278237629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 189) }
```

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

```
.background{ background-color: rgb(0, 185,  
189) }
```

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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