

Converting Colors

Android(4278248160)

Have a look what the booklet for
Android(4278248160) contains.

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Color

Android(4278248160)

Conversions

Conversions Part 1

Format	Color
Hex	00E2E0
RGB	0, 226, 224
RGB Percent	0%, 89%, 88%
CMY	1.0000, 0.1137, 0.1216
CMYK	1.00, 0.00, 0.01, 0.11
HSL	179°, 100%, 44%
HSV	179°, 100%, 89%
XYZ	40.6509, 59.7745, 79.9161
YIQ	158.1980, -134.0540, -48.5340

Conversions

Conversions Part 2

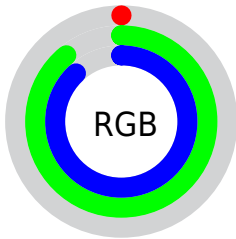
Format	Color
RYB	0, 114, 226
Decimal	58080
CIELab	81.72, -44.47, -11.93
CIELCh	82, 46.045, 195.020
Yxy	59.7745, 0.2254, 0.3315
Android (android.graphics.Color)	4278248160 (0xFF00E2E0)
YUV	158.1980, 32.4404, -138.7396
Hunter-Lab	77.3140, -41.4460, -7.1657

Details

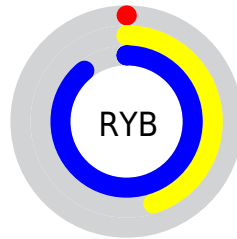
The Android color **4278248160** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293001218**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4285661183**, and **4278233769** is the 20% darker color. If you saturate the color by 10%, you get **4278248160**, and if you desaturate by 10%, it is **4279755488**.

Distribution



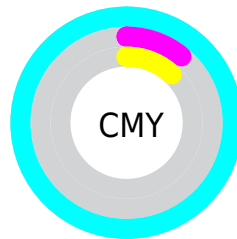
- Red (0%)
- Green (89%)
- Blue (88%)



- Red (0%)
- Yellow (45%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278248160 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 4278248160 by changing the saturation by 10% instead.

 4278248160

 4278248160

4294967295

 4278240964

 4285661183

 4278233769

 4287889407

 4278226830

 4290052095

 4278219893

 4292149247

 4278213468

 4294246399

 4278207045


 4278201391

 4278193434

 4278190080

 4278248160

 4279755488

 4281197280

 4282704609


 4284146401

 4285653729

 4287161057

 4288602849

 4290110178

 4291551970

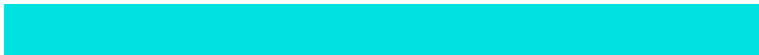
Harmonies

Analogous

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



4285063347



4278248160



4278247423

Triad

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



4278248160



4293638399



4294623608

Complementary

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



4278248160



4293001218

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.



4294947472



4278248160



4294946019

Square

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



4278248160



4289710335



4294945207



4291940214

Rectangle

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



4278248160



4282309119



4294945207



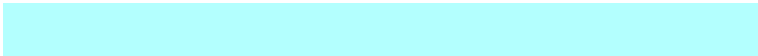
4294950014

Sweetspot

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



4278248160



4289986558



4278510080



4283596927



4278190080



4286611584

Same Dimension

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



4278248160



4278255613



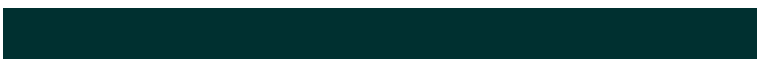
4278220258



4284838000



4278235310



4278202416

Inverse Universe

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



4293001218



4294901762



4293029120



4285556069



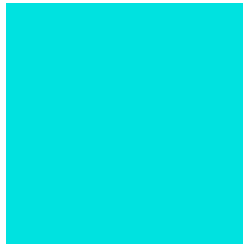
4289724418



4281335808

Previews

White Background



This preview shows how the Android color 4278248160 looks on a white background.

Color Contrast Check

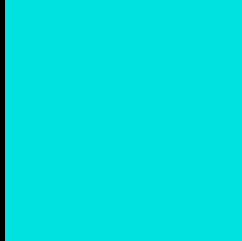
Large Text (above 18pt) WCAG AA × Fail

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 4278248160 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

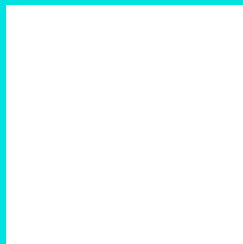
Any Text WCAG AAA ✓ Pass

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

Android 4278248160 Background



This preview shows how black text looks on a background with the Android color 4278248160.

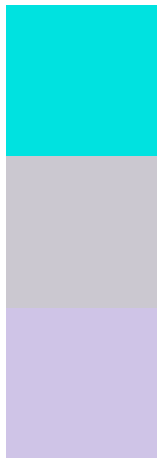


This preview shows how white text looks on a background with the Android color 4278248160.

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](#).

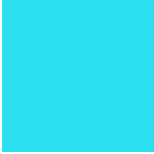
Dichromacy



Original Color
4278248160

Protanopia
4291545296

Deuteranopia
4291806439



Tritanopia
4281065457

Trichromacy



Original Color

4278248160



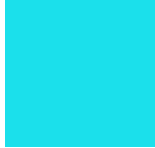
Protanomaly

4286697942



Deuteranomaly

4286894052



Tritanomaly

4280017131

Monochromacy



Original Color

4278248160



Achromatopsia

4288585374



Achromatomaly

4284856246

CSS Examples

Text

The CSS property to change the color of the text to Android 4278248160 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, 226, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 224)  
}
```

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, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 224) }
```

Border

The CSS property to change the border of an element to Android 4278248160 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, 226, 224) }
```

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

```
.border{ border-color:rgb(0, 226, 224) }
```

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

Here you see how a box with a 4 pixel rgb(0, 226, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
224) }
```

Background

The CSS property to change the background color of an element to Android 4278248160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 226, 224) }
```

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

```
.background{ background-color: rgb(0, 226,  
224) }
```

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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