

Converting Colors

Android(4278242496)

Have a look what the booklet for
Android(4278242496) contains.

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Color

Android(4278242496)

Conversions

Conversions Part 1

Format	Color
Hex	00CCCC
RGB	0, 204, 192
RGB Percent	0%, 80%, 75%
CMY	1.0000, 0.2000, 0.2471
CMYK	1.00, 0.00, 0.06, 0.20
HSL	176°, 100%, 40%
HSV	176°, 100%, 80%
XYZ	31.1073, 46.9915, 57.2999
YIQ	141.6360, -117.7320, -46.9800

Conversions

Conversions Part 2

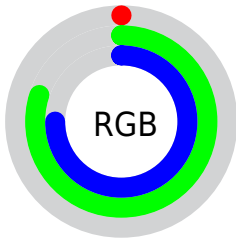
Format	Color
RYB	0, 105, 204
Decimal	52416
CIELab	74.18, -44.16, -5.98
CIELCh	74, 44.558, 187.714
Yxy	46.9915, 0.2297, 0.3471
Android (android.graphics.Color)	4278242496 (0xFF00CC00)
YUV	141.6360, 24.8295, -124.2148
Hunter-Lab	68.5503, -38.9620, -1.5741

Details

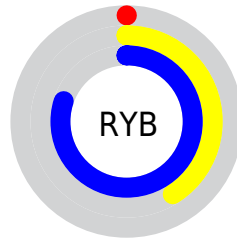
The Android color **4278242496** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4291559436**, and the grayscale version is **4287466893**.

A 20% lighter version of the original color is **4285136888**, and **4278228363** is the 20% darker color. If you saturate the color by 10%, you get **4278242496**, and if you desaturate by 10%, it is **4279553217**.

Distribution



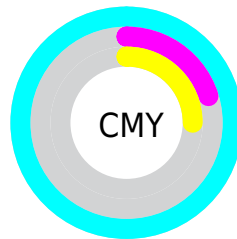
- Red (0%)
- Green (80%)
- Blue (75%)



- Red (0%)
- Yellow (41%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278242496 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 4278242496 by changing the saturation by 10% instead.

 4278242496

 4278242496

4294967295

 4278235301

 4285136888

 4278228363

 4287299583

 4278221425

 4289396735

 4278215001

 4291428351

 4278208578

 4293459967

 4278202668

 4278196247

 4278190080

 4278242496

 4279553217

 4280929474

 4282240196

 4283616453

 4284927174

 4286237895

 4287614152

 4288924874

 4290301131

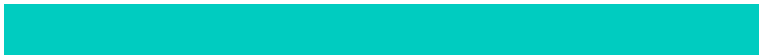
Harmonies

Analogous

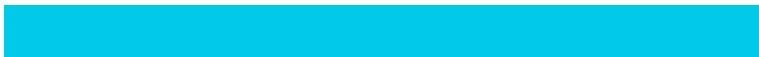
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4284861078



4278242496



4278242023

Triad

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



4278242496



4291340535



4293568875

Complementary

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



4278242496



4291559436

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.



4294941830



4278242496



4294089430

Square

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



4278242496



4287281151



4294940077



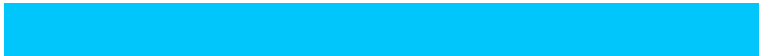
4291213156

Rectangle

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



4278242496



4278241019



4294940077



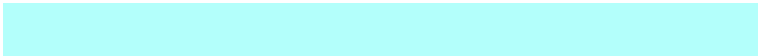
4294157426

Sweetspot

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



4278242496



4289986555



4279159808



4283596925



4278190080



4286611584

Same Dimension

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



4278242496



4278255600



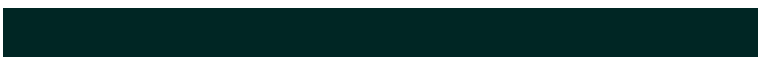
4278219980



4284245605



4278232732



4278199844

Inverse Universe

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



4291559436



4294901775



4291581952



4284898396



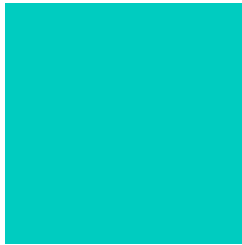
4289069066



4280680450

Previews

White Background



This preview shows how the Android color 4278242496 looks on a white background.

Color Contrast Check

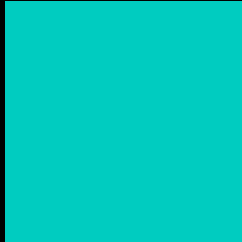
Large Text (above 18pt) WCAG AA × Fail

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 4278242496 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

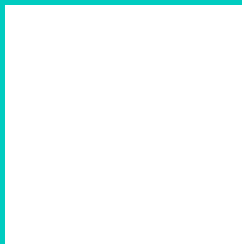
Any Text WCAG AAA ✓ Pass

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

Android 4278242496 Background



This preview shows how black text looks on a background with the Android color 4278242496.

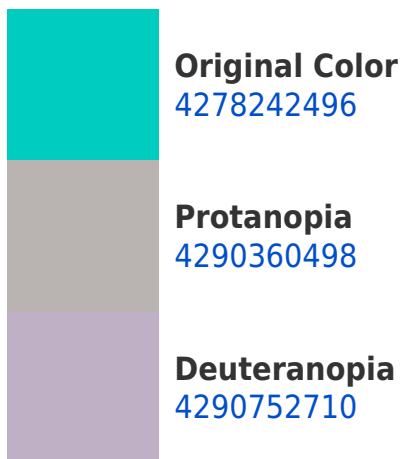


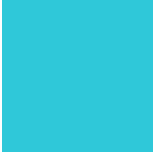
This preview shows how white text looks on a background with the Android color 4278242496.

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
4281321689

Trichromacy



Original Color

4278242496



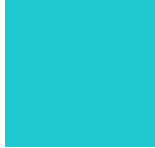
Protanomaly

4285971895



Deuteranomaly

4286233284



Tritanomaly

4280207824

Monochromacy



Original Color

4278242496



Achromatopsia

4287532686



Achromatomaly

4284130720

CSS Examples

Text

The CSS property to change the color of the text to Android 4278242496 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, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 192)  
}
```

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, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 192) }
```

Border

The CSS property to change the border of an element to Android 4278242496 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, 204, 192) }
```

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

```
.border{ border-color:rgb(0, 204, 192) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
192) }
```

Background

The CSS property to change the background color of an element to Android 4278242496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 192) }
```

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

```
.background{ background-color: rgb(0, 204,  
192) }
```

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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