

Converting Colors

Android(4278238416)

Have a look what the booklet for
Android(4278238416) contains.

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Color

Android(4278238416)

Conversions

Conversions Part 1

Format	Color
Hex	00BCD0
RGB	0, 188, 208
RGB Percent	0%, 74%, 82%
CMY	1.0000, 0.2627, 0.1843
CMYK	1.00, 0.10, 0.00, 0.18
HSL	186°, 100%, 41%
HSV	186°, 100%, 82%
XYZ	29.3684, 40.5205, 65.9479
YIQ	134.0680, -118.4680, -33.6360

Conversions

Conversions Part 2

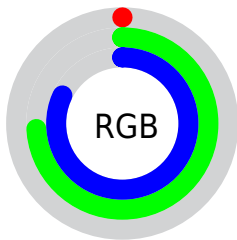
Format	Color
RYB	0, 99, 208
Decimal	48336
CIELab	69.84, -31.97, -21.22
CIELCh	70, 38.369, 213.575
Yxy	40.5205, 0.2162, 0.2983
Android (android.graphics.Color)	4278238416 (0xFF00BCD0)
YUV	134.0680, 36.4485, -117.5776
Hunter-Lab	63.6557, -29.0442, -16.8659

Details

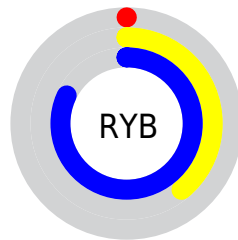
The Android color **4278238416** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **4291826688**, and the grayscale version is **4287006342**.

A 20% lighter version of the original color is **4285134335**, and **4278224538** is the 20% darker color. If you saturate the color by 10%, you get **4278238416**, and if you desaturate by 10%, it is **4279615184**.

Distribution



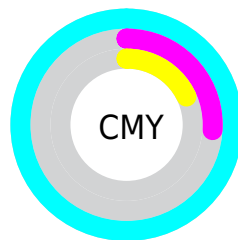
- Red (0%)
- Green (74%)
- Blue (82%)



- Red (0%)
- Yellow (39%)
- Blue (82%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278238416 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 4278238416 by changing the saturation by 10% instead.

 4278238416

 4278238416

4294967295

 4278231476

 4285134335

 4278224538

 4287299583

 4278217856

 4289331199

 4278211687

 4291362815

 4278205518

 4293459967

 4278200119

 4278190627

 4278190089

 4278190080

 4278238416

 4279615184

 4280991952

 4282303184

 4283679952

 4285056720

 4286433488

 4287810256

 4289121488

 4290498256

Harmonies

Analogous

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



4282170798



4278238416



4282300136

Triad

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



4278238416



4292515274



4290620004

Complementary

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



4278238416



4291826688

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.



4292583021



4278238416



4293758888

Square

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



4278238416



4290027749



4293694342



4288263279

Rectangle

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



4278238416



4285182191



4293694342



4291339877

Sweetspot

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



4278238416



4289984767



4278243345



4283595648



4278190080



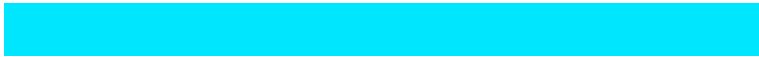
4286611584

Same Dimension

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



4278238416



4278249215



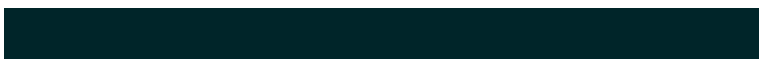
4278212560



4284377193



4278229160



4278199593

Inverse Universe

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



4291821756



4294901990



4291852544



4285095528



4289200280



4280877093

Previews

White Background



This preview shows how the Android color 4278238416 looks on a white background.

Color Contrast Check

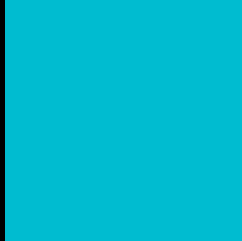
Large Text (above 18pt) WCAG AA × Fail

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 4278238416 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 4278238416 Background



This preview shows how black text looks on a background with the Android color 4278238416.

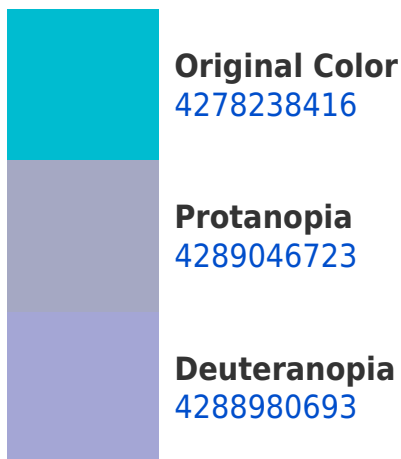


This preview shows how white text looks on a background with the Android color 4278238416.

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

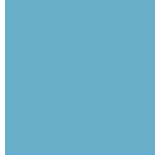


Trichromacy



Original Color

4278238416



Protanomaly

4285116360



Deuteranomaly

4285050579

Monochromacy



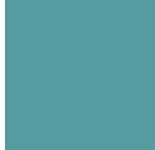
Original Color

4278238416



Achromatopsia

4287006342



Achromatomaly

4283800225

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238416 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, 188, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 208)  
}
```

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, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 208) }
```

Border

The CSS property to change the border of an element to Android 4278238416 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, 188, 208) }
```

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

```
.border{ border-color:rgb(0, 188, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 208);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4278238416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 208) }
```

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

```
.background{ background-color: rgb(0, 188,  
208) }
```

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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