

Converting Colors

Android(4278239438)

Have a look what the booklet for
Android(4278239438) contains.

Android(4278239438)	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(4278239438)

Conversions

Conversions Part 1

Format	Color
Hex	00C0CE
RGB	0, 192, 206
RGB Percent	0%, 75%, 81%
CMY	1.0000, 0.2471, 0.1922
CMYK	1.00, 0.07, 0.00, 0.19
HSL	184°, 100%, 40%
HSV	184°, 100%, 81%
XYZ	29.9902, 42.1555, 64.9487
YIQ	136.1880, -118.9260, -36.3500

Conversions

Conversions Part 2

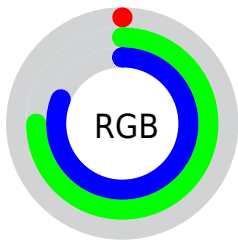
Format	Color
RYB	0, 99, 206
Decimal	49358
CIELab	70.98, -34.51, -18.40
CIELCh	71, 39.107, 208.060
Yxy	42.1555, 0.2188, 0.3075
Android (android.graphics.Color)	4278239438 (0xFF00C0CE)
YUV	136.1880, 34.4173, -119.4369
Hunter-Lab	64.9273, -31.1727, -13.8605

Details

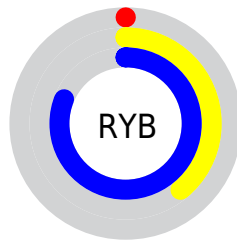
The Android color **4278239438** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4291694080**, and the grayscale version is **4287137928**.

A 20% lighter version of the original color is **4285135359**, and **4278225560** is the 20% darker color. If you saturate the color by 10%, you get **4278239438**, and if you desaturate by 10%, it is **4279615950**.

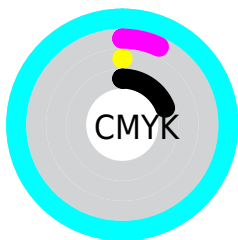
Distribution



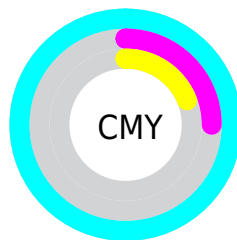
- Red (0%)
- Green (75%)
- Blue (81%)



- Red (0%)
- Yellow (39%)
- Blue (81%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278239438 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 4278239438 by changing the saturation by 10% instead.



4278239438



4278239438

4294967295



4278232498



4285135359



4278225560



4287299583



4278218878



4289396735



4278212453



4291428351



4278206285



4293459967



4278200630



4278192417



4278190087



4278190080

 4278239438

 4279615950

 4280927182

 4282303694

 4283614926

 4284991438

 4286367950

 4287679182

 4289055694

 4290366926

Harmonies

Analogous

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



4282892714



4278239438



4281449449

Triad

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



4278239438



4292385236



4291275622

Complementary

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



4278239438



4291694080

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.



4293107314



4278239438



4293890737

Square

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



4278239438



4289635821



4294087822



4288919150

Rectangle

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



4278239438



4284462579



4294087822



4291995496

Sweetspot

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



4278239438



4289985279



4278242830



4283595904



4278190080



4286611584

Same Dimension

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



4278239438



4278251263



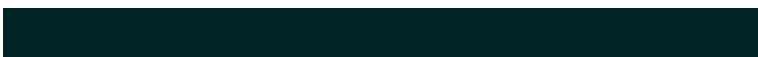
4278213070



4284245350



4278229670



4278199334

Inverse Universe

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



4291690688



4294901998



4291720448



4284898405



4289069210



4280680484

Previews

White Background



This preview shows how the Android color 4278239438 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 4278239438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

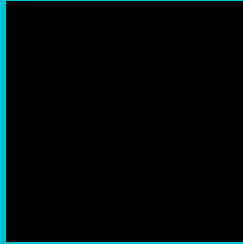
Any Text WCAG AA ✓ Pass

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 4278239438 Background



This preview shows how black text looks on a background with the Android color 4278239438.



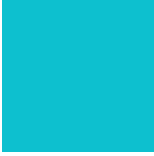
This preview shows how white text looks on a background with the Android color 4278239438.

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





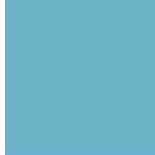
Tritanopia
4279091407

Trichromacy



Original Color

4278239438



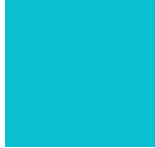
Protanomaly

4285313989



Deuteranomaly

4285313489



Tritanomaly

4278763727

Monochromacy



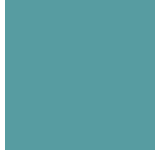
Original Color

4278239438



Achromatopsia

4287137928



Achromatomaly

4283931809

CSS Examples

Text

The CSS property to change the color of the text to Android 4278239438 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, 192, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 206)  
}
```

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, 192, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 206) }
```

Border

The CSS property to change the border of an element to Android 4278239438 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, 192, 206) }
```

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

```
.border{ border-color:rgb(0, 192, 206) }
```

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

Here you see how a box with a 4 pixel rgb(0, 192, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
206) }
```

Background

The CSS property to change the background color of an element to Android 4278239438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 206) }
```

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

```
.background{ background-color: rgb(0, 192,  
206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor