

Converting Colors

Android(4278235339)

Have a look what the booklet for
Android(4278235339) contains.

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Color

Android(4278235339)

Conversions

Conversions Part 1

Format	Color
Hex	00B0CB
RGB	0, 176, 203
RGB Percent	0%, 69%, 80%
CMY	1.0000, 0.3098, 0.2039
CMYK	1.00, 0.13, 0.00, 0.20
HSL	188°, 100%, 40%
HSV	188°, 100%, 80%
XYZ	26.3048, 35.3625, 61.9391
YIQ	126.4540, -113.5630, -28.9150

Conversions

Conversions Part 2

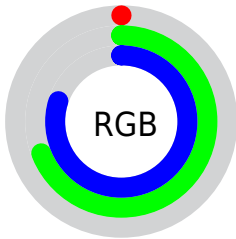
Format	Color
RYB	0, 94, 203
Decimal	45259
CIELab	66.03, -27.74, -24.29
CIELCh	66, 36.868, 221.202
Yxy	35.3625, 0.2128, 0.2861
Android (android.graphics.Color)	4278235339 (0xFF00B0CB)
YUV	126.4540, 37.7372, -110.9002
Hunter-Lab	59.4663, -25.1070, -20.1290

Details

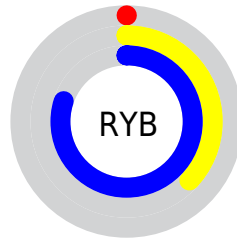
The Android color **4278235339** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **4291500800**, and the grayscale version is **4286479998**.

A 20% lighter version of the original color is **4284934399**, and **4278221717** is the 20% darker color. If you saturate the color by 10%, you get **4278235339**, and if you desaturate by 10%, it is **4279546827**.

Distribution



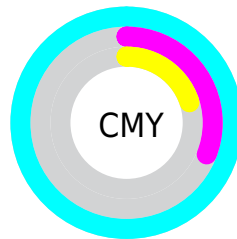
- Red (0%)
- Green (69%)
- Blue (80%)



- Red (0%)
- Yellow (37%)
- Blue (80%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278235339 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 4278235339 by changing the saturation by 10% instead.

 4278235339

 4278235339

4294967295

 4278228400

 4284934399


 4278221717

 4287102975

 4278215291

 4289134591

 4278209122

 4291166207

 4278202954

 4293197823

 4278198067

 4278190622

 4278190080

 4278235339

 4279546827

 4280923595

 4282235083

 4283546571

 4284923595

 4286234827

 4287546315

 4288857803

 4290234571

Harmonies

Analogous

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



4280922796



4278235339



4283017950

Triad

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



4278235339



4292118967



4289372767

Complementary

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



4278235339



4291500800

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.



4291336034



4278235339



4292970389

Square

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



4278235339



4290024402



4292643958



4287015789

Rectangle

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



4278235339



4285703138



4292643958



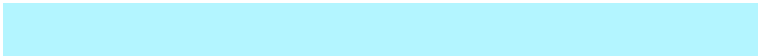
4290092894

Sweetspot

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



4278235339



4289983999



4278242072



4283595136



4278190080



4286611584

Same Dimension

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



4278235339



4278246911



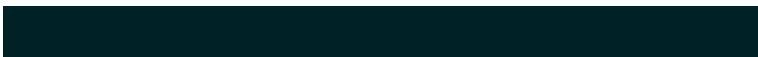
4278210251



4284245350



4278227110



4278198566

Inverse Universe

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



4291494064



4294901981



4291525888



4284898405



4289069200



4280680481

Previews

White Background



This preview shows how the Android color 4278235339 looks on a white background.

Color Contrast Check

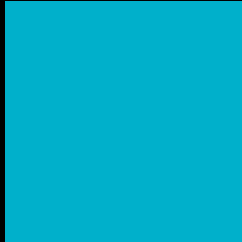
Large Text (above 18pt) WCAG AA × Fail

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 4278235339 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 4278235339 Background



This preview shows how black text looks on a background with the Android color 4278235339.



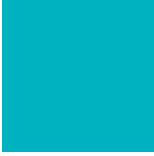
This preview shows how white text looks on a background with the Android color 4278235339.

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

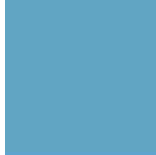




Trichromacy



Original Color
4278235339



Protanomaly
4284589507



Deuteranomaly
4284458190



Tritanomaly
4278235587

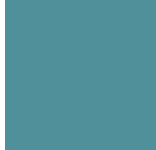
Monochromacy



Original Color
4278235339



Achromatopsia
4286479998



Achromatomaly
4283469978

CSS Examples

Text

The CSS property to change the color of the text to Android 4278235339 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, 176, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 203)  
}
```

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, 176, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 203) }
```

Border

The CSS property to change the border of an element to Android 4278235339 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, 176, 203) }
```

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

```
.border{ border-color:rgb(0, 176, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 176, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 176,  
203) }
```

Background

The CSS property to change the background color of an element to Android 4278235339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 176, 203) }
```

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

```
.background{ background-color: rgb(0, 176,  
203) }
```

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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