

Converting Colors

Android(4278233310)

Have a look what the booklet for
Android(4278233310) contains.

Android(4278233310)	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(4278233310)

Conversions

Conversions Part 1

Format	Color
Hex	00A8DE
RGB	0, 168, 222
RGB Percent	0%, 66%, 87%
CMY	1.0000, 0.3412, 0.1294
CMYK	1.00, 0.24, 0.00, 0.13
HSL	195°, 100%, 44%
HSV	195°, 100%, 87%
XYZ	27.1874, 33.2792, 74.0978
YIQ	123.9240, -117.4620, -18.8220

Conversions

Conversions Part 2

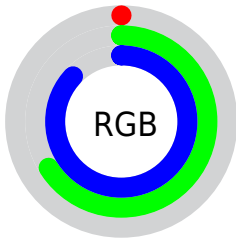
Format	Color
RYB	0, 96, 222
Decimal	43230
CIELab	64.39, -17.05, -37.32
CIELCh	64, 41.032, 245.447
Yxy	33.2792, 0.2020, 0.2473
Android (android.graphics.Color)	4278233310 (0xFF00A8DE)
YUV	123.9240, 48.3515, -108.6813
Hunter-Lab	57.6881, -16.8301, -35.7737

Details

The Android color **4278233310** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **4292752896**, and the grayscale version is **4286348412**.

A 20% lighter version of the original color is **4285128703**, and **4278219943** is the 20% darker color. If you saturate the color by 10%, you get **4278233310**, and if you desaturate by 10%, it is **4279676382**.

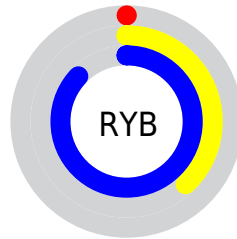
Distribution



Red (0%)

Green (66%)

Blue (87%)



Red (0%)

Yellow (38%)

Blue (87%)

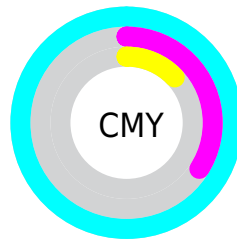


Cyan (100%)

Magenta (24%)

Yellow (0%)

Black (13%)



Cyan (100%)

Magenta (34%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233310 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 4278233310 by changing the saturation by 10% instead.

 4278233310

 4278233310

4294967295

 4278226626

 4285128703

 4278219943

 4287298815

 4278213516

 4289396735

 4278207602

 4291428351

 4278201945

 4293459967

 4278197058


 4278190891

 4278190357

 4278190080

 4278233310

 4279676382

 4281119710

 4282628318

 4284071646

 4285514718

 4286957790

 4288401118

 4289909726

 4291353054

Harmonies

Analogous

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



4278234821



4278233310



4285439717

Triad

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



4278233310



4292968087



4287014495

Complementary

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



4278233310



4292752896

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.



4289567826



4278233310



4292838259

Square

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



4278233310



4291790011



4291596122



4283936124

Rectangle

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



4278233310



4288124382



4291596122



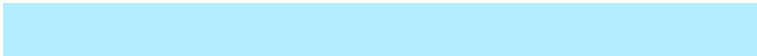
4287865688

Sweetspot

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



4278233310



4289981695



4278246964



4283593856



4278190080



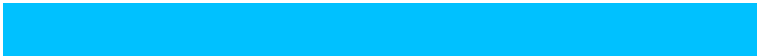
4286611584

Same Dimension

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



4278233310



4278239743



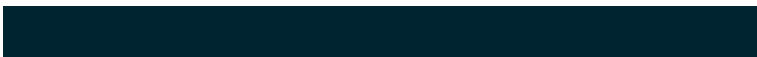
4278205406



4284837232



4278224304



4278199600

Inverse Universe

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



4292739240



4294901953



4292780800



4285556077



4289724549



4281335845

Previews

White Background



This preview shows how the Android color 4278233310 looks on a white background.

Color Contrast Check

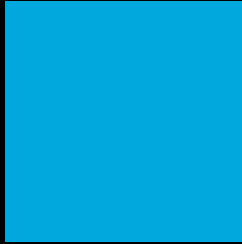
Large Text (above 18pt) WCAG AA × Fail

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 4278233310 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 4278233310 Background



This preview shows how black text looks on a background with the Android color 4278233310.

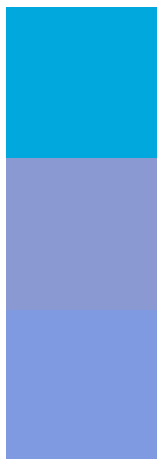


This preview shows how white text looks on a background with the Android color 4278233310.

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

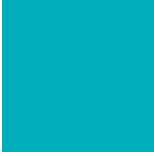
4278233310

Protanopia

4287338962

Deuteranopia

4286552801



Tritanopia
4278234554

Trichromacy

	Original Color 4278233310
	Protanomaly 4283997910
	Deuteranomaly 4283539424
	Tritanomaly 4278234055

Monochromacy

	Original Color 4278233310
	Achromatopsia 4286348412
	Achromatomaly 4283403424

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233310 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, 168, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 222)  
}
```

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, 168, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 222) }
```

Border

The CSS property to change the border of an element to Android 4278233310 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, 168, 222) }
```

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

```
.border{ border-color:rgb(0, 168, 222) }
```

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

Here you see how a box with a 4 pixel rgb(0, 168, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
222) }
```

Background

The CSS property to change the background color of an element to Android 4278233310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(0, 168, 222) }
```

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

```
.background{ background-color:rgb(0, 168,  
222) }
```

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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