

Converting Colors

Android(4278233305)

Have a look what the booklet for
Android(4278233305) contains.

Android(4278233305)	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(4278233305)

Conversions

Conversions Part 1

Format	Color
Hex	00A8D9
RGB	0, 168, 217
RGB Percent	0%, 66%, 85%
CMY	1.0000, 0.3412, 0.1490
CMYK	1.00, 0.23, 0.00, 0.15
HSL	194°, 100%, 43%
HSV	194°, 100%, 85%
XYZ	26.5270, 33.0150, 70.6201
YIQ	123.3540, -115.8570, -20.3770

Conversions

Conversions Part 2

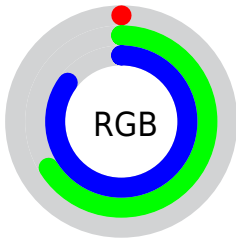
Format	Color
RYB	0, 95, 217
Decimal	43225
CIELab	64.17, -18.82, -34.89
CIELCh	64, 39.645, 241.659
Yxy	33.0150, 0.2038, 0.2536
Android (android.graphics.Color)	4278233305 (0xFF00A8D9)
YUV	123.3540, 46.1675, -108.1815
Hunter-Lab	57.4587, -18.1444, -32.6497

Details

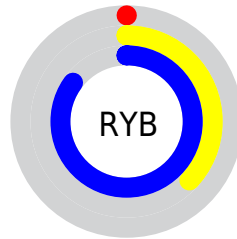
The Android color `4278233305` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4292423936`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4285063167`, and `4278219938` is the 20% darker color. If you saturate the color by 10%, you get `4278233305`, and if you desaturate by 10%, it is `4279676377`.

Distribution



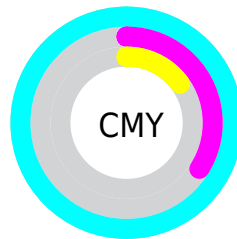
- Red (0%)
- Green (66%)
- Blue (85%)



- Red (0%)
- Yellow (37%)
- Blue (85%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (34%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233305 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 4278233305 by changing the saturation by 10% instead.

 4278233305

 4278233305

4294967295

 4278226621

 4285063167


 4278219938

 4287233279

 4278213511

 4289265663

 4278207598

 4291297279

 4278201685

 4293328895

 4278196798

 4278190887

 4278190353

 4278190080

■ 4278233305

■ 4279676377

■ 4281053913

■ 4282496985

■ 4283940057

■ 4285383129

■ 4286760409

■ 4288203481

■ 4289646553

■ 4291024089

Harmonies

Analogous

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



4278234560



4278233305



4285046498

Triad

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



4278233305



4292706203



4287341662

Complementary

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



4278233305



4292423936

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.



4289763924



4278233305



4292772728

Square

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



4278233305



4291397054



4291661406



4284525433

Rectangle

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



4278233305



4287665885



4291661406



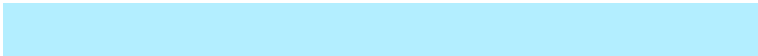
4288192856

Sweetspot

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



4278233305



4289982207



4278245679



4283594112



4278190080



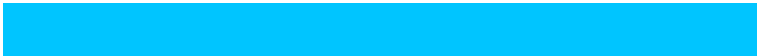
4286611584

Same Dimension

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



4278233305



4278240767



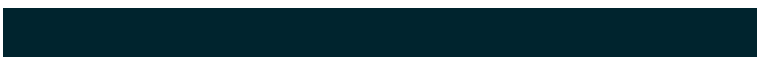
4278205913



4284705646



4278224557



4278199342

Inverse Universe

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



4292411560



4294901957



4292451328



4285424491



4289527942



4281204772

Previews

White Background



This preview shows how the Android color 4278233305 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 4278233305 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 4278233305 Background



This preview shows how black text looks on a background with the Android color 4278233305.

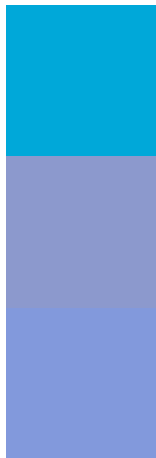


This preview shows how white text looks on a background with the Android color 4278233305.

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](#).

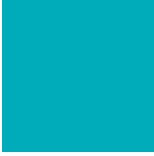
Dichromacy



Original Color
4278233305

Protanopia
4287404493

Deuteranopia
4286749148



Tritanopia
4278234297

Trichromacy



Original Color
4278233305



Protanomaly
4284063441



Deuteranomaly
4283670235



Tritanomaly
4278234053

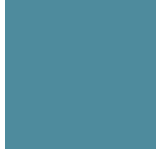
Monochromacy



Original Color
4278233305



Achromatopsia
4286282619



Achromatomaly
4283337629

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233305 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 217) }
```

Border

The CSS property to change the border of an element to Android 4278233305 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, 217) }
```

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

```
.border{ border-color:rgb(0, 168, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 217);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
217) }
```

Background

The CSS property to change the background color of an element to Android 4278233305 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, 217) }
```

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

```
.background{ background-color: rgb(0, 168,  
217) }
```

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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