

# Converting Colors

Android(4278233051)

Have a look what the booklet for  
Android(4278233051) contains.

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# **Color**

**Android(4278233051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A7DB
RGB	0, 167, 219
RGB Percent	0%, 65%, 86%
CMY	1.0000, 0.3451, 0.1412
CMYK	1.00, 0.24, 0.00, 0.14
HSL	194°, 100%, 43%
HSV	194°, 100%, 86%
XYZ	26.6049, 32.7519, 71.9374
YIQ	122.9950, -116.2240, -19.2320

# Conversions

## Conversions Part 2

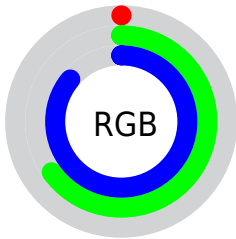
Format	Color
<a href="#">RYB</a>	<a href="#">0, 95, 219</a>
Decimal	<a href="#">42971</a>
CIELab	<a href="#">63.96, -17.58, -36.33</a>
CIELCh	<a href="#">64, 40.361, 244.178</a>
Yxy	<a href="#">32.7519, 0.2026, 0.2495</a>
Android (android.graphics.Color)	<a href="#">4278233051 (0xFF00A7DB)</a>
YUV	<a href="#">122.9950, 47.3305, -107.8666</a>
Hunter-Lab	<a href="#">57.2293, -17.1697, -34.4672</a>

# Details

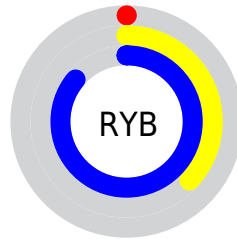
The Android color `4278233051` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4292555776`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4285062911`, and `4278219684` is the 20% darker color. If you saturate the color by 10%, you get `4278233051`, and if you desaturate by 10%, it is `4279676123`.

# Distribution



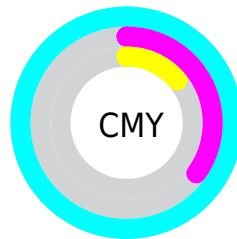
- Red (0%)
- Green (65%)
- Blue (86%)



- Red (0%)
- Yellow (37%)
- Blue (86%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (35%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278233051 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 4278233051 by changing the saturation by 10% instead.



 4278233051

 4278233051

4294967295

 4278226367

 4285062911


 4278219684

 4287233023

 4278213257

 4289331199

 4278207344

 4291362815

 4278201687

 4293394431

 4278196799


 4278190889

 4278190355

 4278190080

 4278233051

 4279676123

 4281119195

 4282562523

 4284005595

 4285448667

 4286826203

 4288269275

 4289712603

 4291155675

# Harmonies

## Analogous

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



4278234562



4278233051



4285242850

# Triad

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



4278233051



4292837015



4287079774

# Complementary

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



4278233051



4292555776

# 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.



4289567570



4278233051



4292706932

# Square

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



4278233051



4291593147



4291530331



4284066682

# Rectangle

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



4278233051



4287927517



4291530331



4287930968

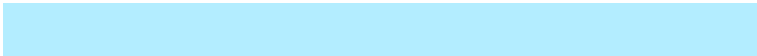


# Sweetspot

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



4278233051



4289981951



4278246195



4283594112



4278190080



4286611584

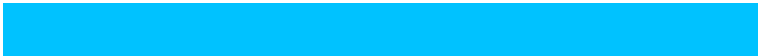


# Same Dimension

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



4278233051



4278239999



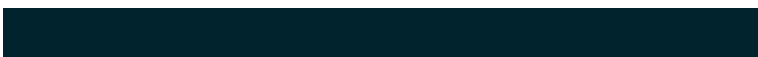
4278205147



4284705646



4278224045



4278199086



# Inverse Universe

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



4292542631



4294901954



4292583680



4285424491



4289527940



4281204771



# Previews

## White Background



This preview shows how the Android color 4278233051 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 4278233051 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

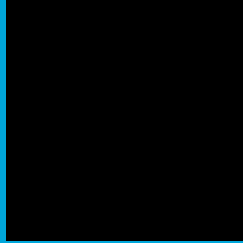
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278233051 Background



This preview shows how black text looks on a background with the Android color 4278233051.



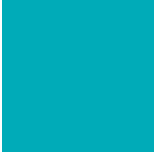
This preview shows how white text looks on a background with the Android color 4278233051.

# 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**  
4278233051



**Protanomaly**  
4283997651



**Deuteranomaly**  
4283539165



**Tritanomaly**  
4278233797

# Monochromacy



**Original Color**  
4278233051



**Achromatopsia**  
4286282619



**Achromatomaly**  
4283337630

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278233051 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, 167, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 219)  
}
```

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, 167, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 219) }
```

## Border

The CSS property to change the border of an element to Android 4278233051 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, 167, 219) }
```

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

```
.border{ border-color:rgb(0, 167, 219) }
```

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

Here you see how a box with a 4 pixel rgb(0, 167, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
219) }
```

# Background

The CSS property to change the background color of an element to Android 4278233051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 219) }
```

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

```
.background{ background-color: rgb(0, 167,  
219) }
```

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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