

# Converting Colors

Android(4278235882)

Have a look what the booklet for  
Android(4278235882) contains.

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# **Color**

**Android(4278235882)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B2EA
RGB	0, 178, 234
RGB Percent	0%, 70%, 92%
CMY	1.0000, 0.3020, 0.0824
CMYK	1.00, 0.24, 0.00, 0.08
HSL	194°, 100%, 46%
HSV	194°, 100%, 92%
XYZ	30.7717, 37.7813, 83.5126
YIQ	131.1620, -124.0640, -20.3200

# Conversions

## Conversions Part 2

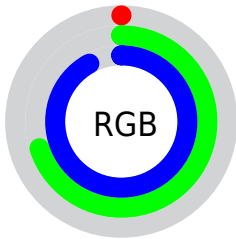
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 101, 234
Decimal	45802
CIELab	67.86, -18.14, -38.49
CIELCh	68, 42.548, 244.772
Yxy	37.7813, 0.2024, 0.2485
Android (android.graphics.Color)	4278235882 (0xFF00B2EA)
YUV	131.1620, 50.6991, -115.0291
Hunter-Lab	61.4665, -18.2048, -37.5289

# Details

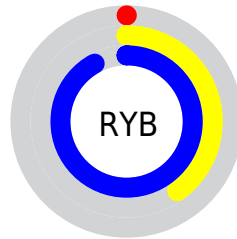
The Android color `4278235882` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle washed azure. A complement of this color would be `4293539840`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4285328127`, and `4278222258` is the 20% darker color. If you saturate the color by 10%, you get `4278235882`, and if you desaturate by 10%, it is `4279744746`.

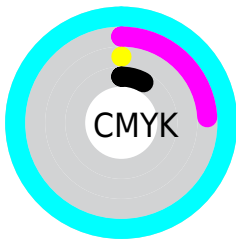
# Distribution



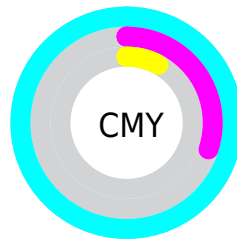
- Red (0%)
- Green (70%)
- Blue (92%)



- Red (0%)
- Yellow (40%)
- Blue (92%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (30%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278235882 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 4278235882 by changing the saturation by 10% instead.



 4278235882

 4278235882

4294967295

 4278228942

 4285328127

 4278222258

 4287561727

 4278215831

 4289658879

 4278209661

 4291690495

 4278204004

 4293787647

 4278198603

 4278191412

 4278190622

 4278190081

■ 4278235882

■ 4279744746

■ 4281318890

■ 4282827754

■ 4284401898

■ 4285910762

■ 4287419626

■ 4288993770

■ 4290502634

■ 4292076778

# Harmonies

## Analogous

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



4278237392



4278235882



4285835250

# Triad

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



4278235882



4293822113



4287606884

# Complementary

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



4278235882



4293539840

# 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.



4290291031



4278235882



4293692284

# Square

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



4278235882



4292512967



4292384864



4284397443

# Rectangle

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



4278235882



4288650987



4292384864



4288523614



# Sweetspot

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



4278235882



4289981951



4278250039



4283594112



4278190080



4286611584

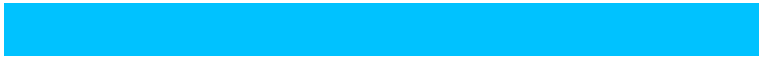


# Same Dimension

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



4278235882



4278239999



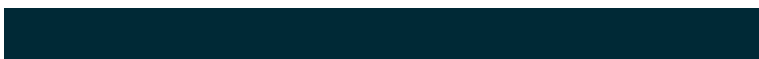
4278206186



4285166197



4278225589



4278200630



# Inverse Universe

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



4293525682



4294901954



4293569536



4285885042



4290052234



4281729065



# Previews

## White Background



This preview shows how the Android color 4278235882 looks on a white background.

## Color Contrast Check

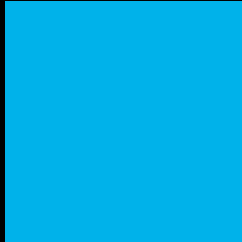
Large Text (above 18pt) WCAG AA × Fail

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 4278235882 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 4278235882 Background



This preview shows how black text looks on a background with the Android color 4278235882.



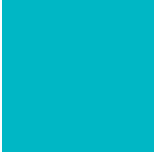
This preview shows how white text looks on a background with the Android color 4278235882.

# 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**  
4278237125

# Trichromacy



**Original Color**  
4278235882



**Protanomaly**  
4284393698



**Deuteranomaly**  
4283869421



**Tritanomaly**  
4278236626

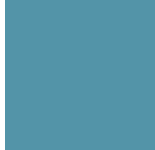
# Monochromacy



**Original Color**  
4278235882



**Achromatopsia**  
4286808963



**Achromatomaly**  
4283667624

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278235882 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, 178, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 234)  
}
```

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, 178, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 234) }
```

## Border

The CSS property to change the border of an element to Android 4278235882 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, 178, 234) }
```

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

```
.border{ border-color:rgb(0, 178, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 178, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
234) }
```

# Background

The CSS property to change the background color of an element to Android 4278235882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 234) }
```

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

```
.background{ background-color: rgb(0, 178,  
234) }
```

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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