

# Converting Colors

Android(4278434778)

Have a look what the booklet for  
Android(4278434778) contains.

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# **Color**

**Android(4278434778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03BBDA
RGB	3, 187, 218
RGB Percent	1%, 73%, 85%
CMY	0.9882, 0.2667, 0.1451
CMYK	0.99, 0.14, 0.00, 0.15
HSL	189°, 97%, 43%
HSV	189°, 99%, 85%
XYZ	30.4628, 40.6220, 72.5649
YIQ	135.5180, -119.6150, -29.3670

# Conversions

## Conversions Part 2

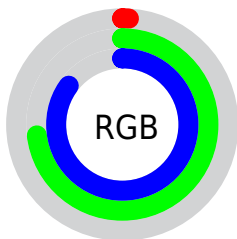
Format	Color
<a href="#">RYB</a>	<a href="#">3, 102, 218</a>
Decimal	<a href="#">244698</a>
CIELab	<a href="#">69.91, -28.13, -26.58</a>
CIELCh	<a href="#">70, 38.698, 223.374</a>
Yxy	<a href="#">40.6220, 0.2121, 0.2828</a>
Android (android.graphics.Color)	<a href="#">4278434778 (0xFF03BBDA)</a>
YUV	<a href="#">135.5180, 40.6636, -116.2183</a>
Hunter-Lab	<a href="#">63.7354, -26.2215, -22.8890</a>

# Details

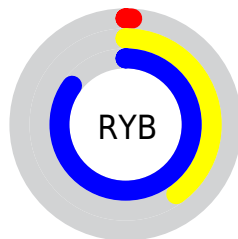
The Android color **4278434778** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **4292485635**, and the grayscale version is **4287072135**.

A 20% lighter version of the original color is **4285264895**, and **4278224291** is the 20% darker color. If you saturate the color by 10%, you get **4278238170**, and if you desaturate by 10%, it is **4279877338**.

# Distribution



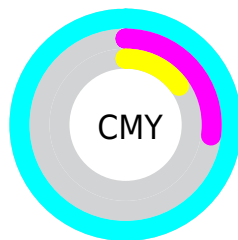
- Red (1%)
- Green (73%)
- Blue (85%)



- Red (1%)
- Yellow (40%)
- Blue (85%)



- Cyan (99%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (99%)
- Magenta (27%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278434778 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 4278434778 by changing the saturation by 10% instead.



 4278434778

 4278434778

4294967295

 4278231230

 4285264895

 4278224291

 4287430655

 4278217865

 4289527807

 4278211439

 4291559423

 4278205527

 4293591039

 4278199871

 4278190890

 4278190356

 4278190080

■ 4278434778

■ 4278434778

■ 4278238170

■ 4279877338

■ 4281319898

■ 4282696922

■ 4284139738

■ 4285582298

■ 4287024858

■ 4288467418

■ 4289844442

■ 4291287002

# Harmonies

## Analogous

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



4280729274



4278434778



4283675885

# Triad

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



4278434778



4293104320



4289900133

# Complementary

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



4278434778



4292485635

# 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.



4292059752



4278434778



4293890204

# Square

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



4278434778



4291009758



4293498492



4287346551

# Rectangle

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



4278434778



4286492145



4293498492



4290685540



# Sweetspot

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



4278434778



4289983743



4278442528



4283595136



4278190080



4286611584

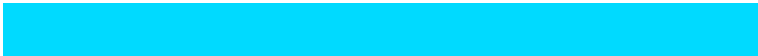


# Same Dimension

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



4278434778



4278246143



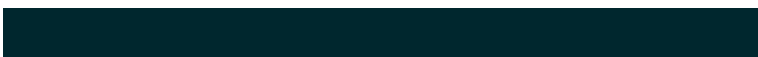
4278407898



4284705902



4278228141



4278200110



# Inverse Universe

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



4292477883



4294901978



4292512515



4285424492



4289527956

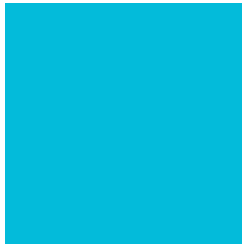


4281204775



# Previews

## White Background



This preview shows how the Android color 4278434778 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 4278434778 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 4278434778 Background



This preview shows how black text looks on a background with the Android color 4278434778.



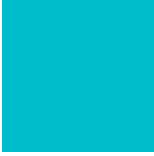
This preview shows how white text looks on a background with the Android color 4278434778.

# 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**  
4278238668

# Trichromacy



**Original Color**

4278434778



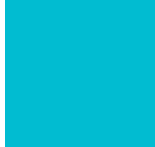
**Protanomaly**

4285050834



**Deuteranomaly**

4284853981



**Tritanomaly**

4278303953

# Monochromacy



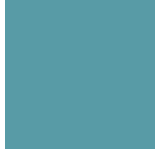
**Original Color**

4278434778



**Achromatopsia**

4287137928



**Achromatomaly**

4283997094

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278434778 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(3, 187, 218)` looks like.

```
.text, #text, p{  
    color:rgb(3, 187, 218)  
}
```

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(3, 187, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 187, 218) }
```

## Border

The CSS property to change the border of an element to Android 4278434778 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(3, 187, 218) }
```

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

```
.border{ border-color:rgb(3, 187, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 187, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 187, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 187, 218);  
box-shadow:4px 4px 4px 4px rgb(3, 187,  
218) }
```

# Background

The CSS property to change the background color of an element to Android 4278434778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 187, 218) }
```

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

```
.background{ background-color: rgb(3, 187,  
218) }
```

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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