

# Converting Colors

Android(4278434513)

Have a look what the booklet for  
Android(4278434513) contains.

<b>Android(4278434513)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4278434513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03BAD1
RGB	3, 186, 209
RGB Percent	1%, 73%, 82%
CMY	0.9882, 0.2706, 0.1804
CMYK	0.99, 0.11, 0.00, 0.18
HSL	187°, 97%, 42%
HSV	187°, 99%, 82%
XYZ	29.1051, 39.7406, 66.4583
YIQ	133.9050, -116.4510, -31.6430

# Conversions

## Conversions Part 2

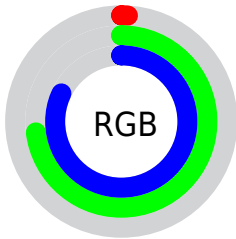
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 100, 209
Decimal	244433
CIELab	69.28, -30.59, -22.61
CIELCh	69, 38.041, 216.468
Yxy	39.7406, 0.2151, 0.2937
Android (android.graphics.Color)	4278434513 (0xFF03BAD1)
YUV	133.9050, 37.0218, -114.8037
Hunter-Lab	63.0402, -27.9084, -18.3767

# Details

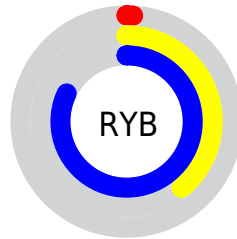
The Android color **4278434513** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **4291893763**, and the grayscale version is **4287006342**.

A 20% lighter version of the original color is **4285133567**, and **4278224027** is the 20% darker color. If you saturate the color by 10%, you get **4278237905**, and if you desaturate by 10%, it is **4279811281**.

# Distribution



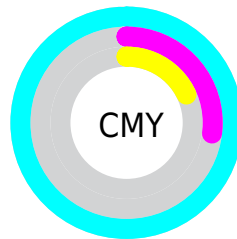
- Red (1%)
- Green (73%)
- Blue (82%)



- Red (1%)
- Yellow (39%)
- Blue (82%)



- Cyan (99%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (99%)
- Magenta (27%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278434513 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 4278434513 by changing the saturation by 10% instead.



 4278434513

 4278434513

4294967295

 4278230965

 4285133567

 4278224027

 4287299583

 4278217600

 4289331199

 4278211175

 4291428351

 4278205007

 4293459967

 4278199608

 4278190627

 4278190090

 4278190080

■ 4278434513

■ 4278434513

■ 4278237905

■ 4279811281

■ 4281188305

■ 4282565073

■ 4283941841

■ 4285253329

■ 4286630097

■ 4288006865

■ 4289383889

■ 4290760657

# Harmonies

## Analogous

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



4281842864



4278434513



4282758376

# Triad

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



4278434513



4292580037



4290357860

# Complementary

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



4278434513



4291893763

# 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.



4292255339



4278434513



4293627555

# Square

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



4278434513



4290223585



4293497730



4287869808

# Rectangle

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



4278434513



4285509357



4293497730



4291012196

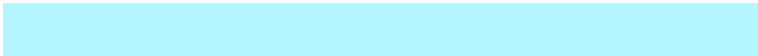


# Sweetspot

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



4278434513



4289984255



4278440216



4283595392



4278190080



4286611584

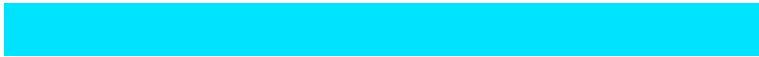


# Same Dimension

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



4278434513



4278248447



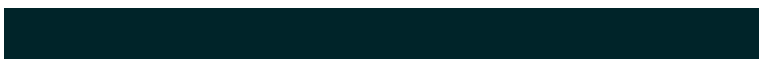
4278408657



4284376937



4278228648



4278199337



# Inverse Universe

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



4291888058



4294901987



4291919619



4285095527



4289200278



4280877092



# Previews

## White Background



This preview shows how the Android color 4278434513 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 4278434513 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 4278434513 Background



This preview shows how black text looks on a background with the Android color 4278434513.



This preview shows how white text looks on a background with the Android color 4278434513.

# 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

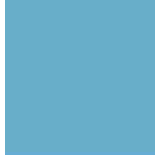




# Trichromacy



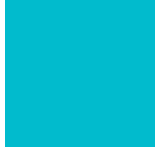
**Original Color**  
4278434513



**Protanomaly**  
4285050569



**Deuteranomaly**  
4284984788



**Tritanomaly**  
4278303693

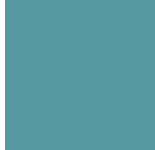
# Monochromacy



**Original Color**  
4278434513



**Achromatopsia**  
4287006342



**Achromatomaly**  
4283865505

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278434513 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, 186, 209)` looks like.

```
.text, #text, p{  
    color:rgb(3, 186, 209)  
}
```

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, 186, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 186, 209) }
```

## Border

The CSS property to change the border of an element to Android 4278434513 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, 186, 209) }
```

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

```
.border{ border-color:rgb(3, 186, 209) }
```

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

Here you see how a box with a 4 pixel rgb(3, 186, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 186, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 186, 209);  
box-shadow:4px 4px 4px 4px rgb(3, 186,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4278434513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 186, 209) }
```

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

```
.background{ background-color: rgb(3, 186,  
209) }
```

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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