

# Converting Colors

Android(4278240711)

Have a look what the booklet for  
Android(4278240711) contains.

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# **Color**

**Android(4278240711)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C5C7
RGB	0, 197, 199
RGB Percent	0%, 77%, 78%
CMY	1.0000, 0.2275, 0.2196
CMYK	1.00, 0.01, 0.00, 0.22
HSL	181°, 100%, 39%
HSV	181°, 100%, 78%
XYZ	30.2751, 44.0560, 60.9408
YIQ	138.3250, -118.0540, -41.1420

# Conversions

## Conversions Part 2

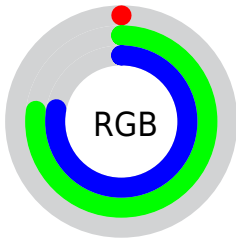
Format	Color
<a href="#">RYB</a>	0, 99, 199
Decimal	50631
CIELab	72.27, -38.99, -12.64
CIELCh	72, 40.984, 197.961
Yxy	44.0560, 0.2238, 0.3257
Android (android.graphics.Color)	4278240711 (0xFF00C5C7)
YUV	138.3250, 29.9128, -121.3110
Hunter-Lab	66.3747, -34.7377, -7.9738

# Details

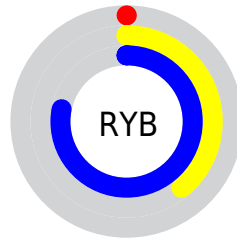
The Android color **4278240711** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4291232256**, and the grayscale version is **4287269514**.

A 20% lighter version of the original color is **4285136639**, and **4278226577** is the 20% darker color. If you saturate the color by 10%, you get **4278240711**, and if you desaturate by 10%, it is **4279551431**.

# Distribution



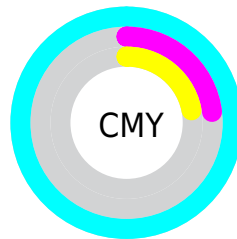
- Red (0%)
- Green (77%)
- Blue (78%)



- Red (0%)
- Yellow (39%)
- Blue (78%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (23%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278240711 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 4278240711 by changing the saturation by 10% instead.



 4278240711

 4278240711

4294967295

 4278233516

 4285136639

 4278226577

 4287299583

 4278219896

 4289331199

 4278213471

 4291428351

 4278207303

 4293459967

 4278201393

 4278194204

 4278190080

 4278240711

 4279551431

 4280862151

 4282173127

 4283483847

 4284794567

 4286039751

 4287350471

 4288661447

 4289972167

# Harmonies

## Analogous

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



4283876512



4278240711



4278239976

# Triad

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



4278240711



4291928036



4292323944

# Complementary

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



4278240711



4291232256

# 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.



4293959035



4278240711



4293957058

# Square

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



4278240711



4288654840



4294612124



4289967721

# Rectangle

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



4278240711



4282564086



4294612124



4292978028



# Sweetspot

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



4278240711



4289986303



4278241024



4283596672



4278190080



4286611584



# Same Dimension

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



4278240711



4278254847



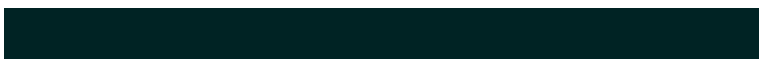
4278215879



4284113763



4278231715



4278199076



# Inverse Universe

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



4291231941



4294902012



4291257344



4284701283



4288872610

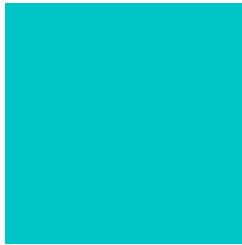


4280549411



# Previews

## White Background



This preview shows how the Android color 4278240711 looks on a white background.

## Color Contrast Check

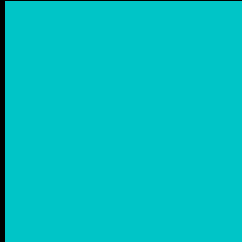
Large Text (above 18pt) WCAG AA × Fail

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 4278240711 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

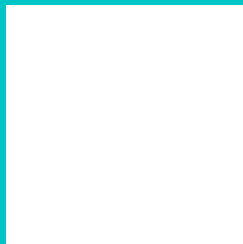
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278240711 Background



This preview shows how black text looks on a background with the Android color 4278240711.



This preview shows how white text looks on a background with the Android color 4278240711.

# 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

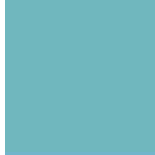




# Trichromacy



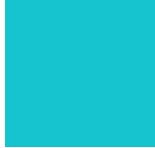
**Original Color**  
4278240711



**Protanomaly**  
4285577150



**Deuteranomaly**  
4285707723



**Tritanomaly**  
4279682255

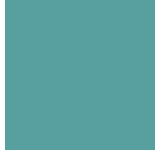
# Monochromacy



**Original Color**  
4278240711



**Achromatopsia**  
4287269514



**Achromatomaly**  
4283998112

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278240711 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, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 199)  
}
```

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, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 199) }
```

## Border

The CSS property to change the border of an element to Android 4278240711 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, 197, 199) }
```

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

```
.border{ border-color:rgb(0, 197, 199) }
```

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

Here you see how a box with a 4 pixel rgb(0, 197, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
199) }
```

# Background

The CSS property to change the background color of an element to Android 4278240711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 199) }
```

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

```
.background{ background-color: rgb(0, 197,  
199) }
```

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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