

# Converting Colors

Android(4280017616)

Have a look what the booklet for  
Android(4280017616) contains.

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**Color**

**Android(4280017616)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BE2D0
RGB	27, 226, 208
RGB Percent	11%, 89%, 82%
CMY	0.8941, 0.1137, 0.1843
CMYK	0.88, 0.00, 0.08, 0.11
HSL	175°, 79%, 50%
HSV	175°, 88%, 89%
XYZ	39.0335, 59.1798, 69.0401
YIQ	164.4470, -112.8260, -47.7860

# Conversions

## Conversions Part 2

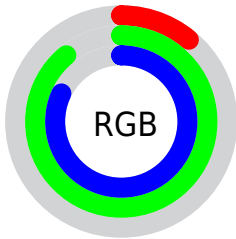
Format	Color
<a href="#">RYB</a>	<a href="#">27, 131, 226</a>
Decimal	<a href="#">1827536</a>
CIELab	<a href="#">81.39, -48.13, -3.91</a>
CIELCh	<a href="#">81, 48.292, 184.640</a>
Yxy	<a href="#">59.1798, 0.2334, 0.3538</a>
Android (android.graphics.Color)	<a href="#">4280017616</a> ( <a href="#">0xFF1BE2D0</a> )
YUV	<a href="#">164.4470, 21.4716, -120.5410</a>
Hunter-Lab	<a href="#">76.9284, -44.0537, 0.6395</a>

# Details

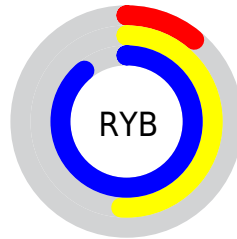
The Android color **4280017616** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293008173**, and the grayscale version is **4288980132**.

A 20% lighter version of the original color is **4285857791**, and **4278233754** is the 20% darker color. If you saturate the color by 10%, you get **4278510286**, and if you desaturate by 10%, it is **4281524946**.

# Distribution



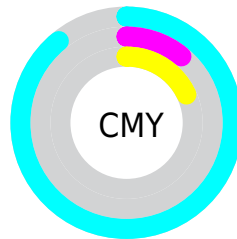
- Red (11%)
- Green (89%)
- Blue (82%)



- Red (11%)
- Yellow (51%)
- Blue (89%)



- Cyan (88%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280017616 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 4280017616 by changing the saturation by 10% instead.



 4280017616

 4280017616

4294967295

 4278240948

 4285857791

 4278233754

 4288086015

 4278226816

 4290183167

 4278219879

 4292280319

 4278213199

 4294311935

 4278207032

 4278201379

 4278192654

 4278190080

■ 4280017616

■ 4280017616

■ 4278510286

■ 4281524946

■ 4278248142

■ 4282966740

■ 4284474070

■ 4285915864

■ 4287423194

■ 4288930524

■ 4290372318

■ 4291879648

■ 4293321442

# Harmonies

## Analogous

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



4286046114



4280017616



4278247676

# Triad

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



4280017616



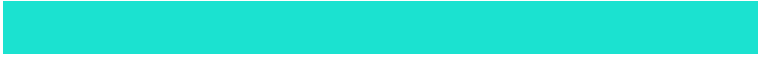
4292394239



4294949497

# Complementary

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



4280017616



4293008173

# 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.



4294945945



4280017616



4294946034

# Square

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



4280017616



4287679743



4294944453



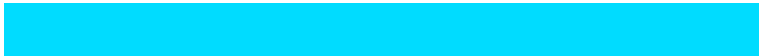
4292921966

# Rectangle

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



4280017616



4278246655



4294944453



4294948226

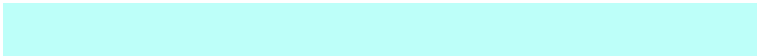


# Sweetspot

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



4280017616



4290641913



4281328155



4283990140



4278190080



4286611584



# Same Dimension

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



4280017616



4278255592



4279997154



4284837999



4278235296



4278202412



# Inverse Universe

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



4293008173



4294901783



4293028635



4285556070



4289724432

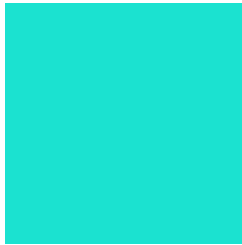


4281335812



# Previews

## White Background



This preview shows how the Android color 4280017616 looks on a white background.

## Color Contrast Check

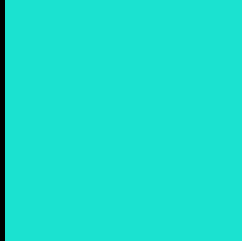
Large Text (above 18pt) WCAG AA × Fail

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 4280017616 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

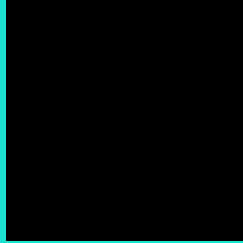
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

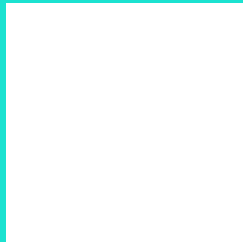
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280017616 Background



This preview shows how black text looks on a background with the Android color 4280017616.

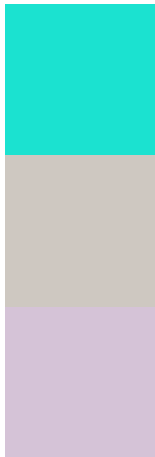


This preview shows how white text looks on a background with the Android color 4280017616.

# 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



**Original Color**  
4280017616

**Protanopia**  
4291741889

**Deuteranopia**  
4292199383



# Trichromacy



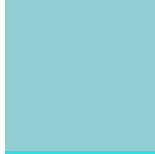
**Original Color**

4280017616



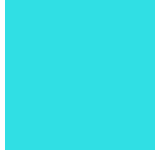
**Protanomaly**

4287484358



**Deuteranomaly**

4287745748



**Tritanomaly**

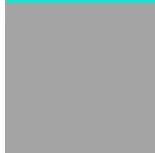
4281393124

# Monochromacy



**Original Color**

4280017616



**Achromatopsia**

4288980132



**Achromatomaly**

4285709236

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280017616 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(27, 226, 208)` looks like.

```
.text, #text, p{  
    color:rgb(27, 226, 208)  
}
```

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(27, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 226, 208) }
```

## Border

The CSS property to change the border of an element to Android 4280017616 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(27, 226, 208) }
```

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

```
.border{ border-color:rgb(27, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(27, 226,  
208) }
```

# Background

The CSS property to change the background color of an element to Android 4280017616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 226, 208) }
```

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

```
.background{ background-color: rgb(27, 226,  
208) }
```

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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