

# Converting Colors

Android(4280217840)

Have a look what the booklet for  
Android(4280217840) contains.

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**Color**

**Android(4280217840)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 1EF0F0                        |
| RGB         | 30, 240, 240                  |
| RGB Percent | 12%, 94%, 94%                 |
| CMY         | 0.8824, 0.0588, 0.0588        |
| CMYK        | 0.88, 0.00, 0.00, 0.06        |
| HSL         | 180°, 88%, 53%                |
| HSV         | 180°, 88%, 94%                |
| XYZ         | 47.4237, 68.8875, 93.2352     |
| YIQ         | 177.2100, -125.1600, -44.5200 |

# Conversions

## Conversions Part 2

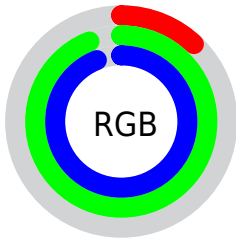
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 30, 135, 240                    |
| Decimal                             | 2027760                         |
| CIE <sub>Lab</sub>                  | 86.45, -45.02, -13.28           |
| CIE <sub>LCh</sub>                  | 86, 46.935, 196.442             |
| Yxy                                 | 68.8875, 0.2263,<br>0.3287      |
| Android<br>(android.graphics.Color) | 4280217840<br>(0xFF1EF0F0)      |
| YUV                                 | 177.2100, 30.9555,<br>-129.1032 |
| Hunter-Lab                          | 82.9985, -43.2560,<br>-8.5037   |

# Details

The Android color **4280217840** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **4293926430**, and the grayscale version is **4289835441**.

A 20% lighter version of the original color is **4286316543**, and **4278237112** is the 20% darker color. If you saturate the color by 10%, you get **4278644976**, and if you desaturate by 10%, it is **4281790704**.

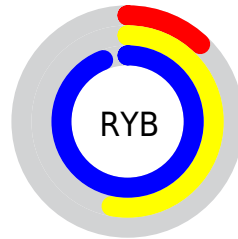
# Distribution



Red (12%)

Green (94%)

Blue (94%)



Red (12%)

Yellow (53%)

Blue (94%)

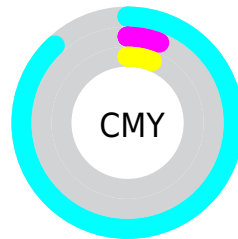


Cyan (88%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (88%)

Magenta (6%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280217840 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 4280217840 by changing the saturation by 10% instead.



 4280217840

 4280217840

4294967295

 4278244308

 4286316543

 4278237112

 4288544767

 4278230173

 4290707455

 4278223235

 4292804607

 4278216554

4294901759

 4278210130

 4278203963

 4278198309

 4278190352

■ 4280217840

■ 4280217840

■ 4278644976

■ 4281790704

■ 4278251760

■ 4283363568

■ 4284936432

■ 4286509296

■ 4288082160

■ 4289655024

■ 4291227888

■ 4292800752

■ 4294373616

# Harmonies

## Analogous

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



4285591490



4280217840



4278250751

# Triad

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



4280217840



4294755583



4294954882

# Complementary

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



4280217840



4293926430

# 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.



4294951066



4280217840



4294949102

# Square

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



4280217840



4290761983



4294948545



4292730241

# Rectangle

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



4280217840



4283623167



4294948545



4294953351



# Sweetspot

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



4280217840



4290641919



4280217630



4283990144



4278190080



4286611584



# Same Dimension

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



4280217840



4278255615



4280190960



4285298808



4278237368



4278204472



# Inverse Universe

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



4293926640



4294902015



4293953310



4286082168



4290248888

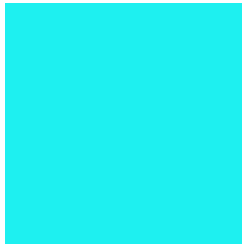


4281860152



# Previews

## White Background



This preview shows how the Android color 4280217840 looks on a white background.

## Color Contrast Check

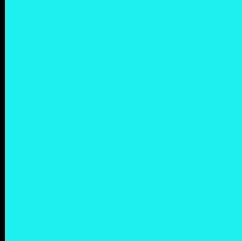
Large Text (above 18pt) WCAG AA × Fail

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 4280217840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

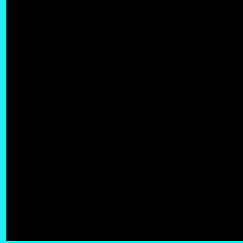
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280217840 Background



This preview shows how black text looks on a background with the Android color 4280217840.

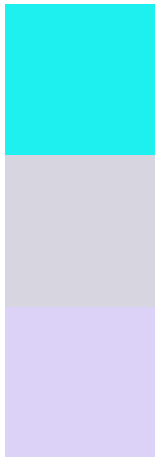


This preview shows how white text looks on a background with the Android color 4280217840.

# 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](#).

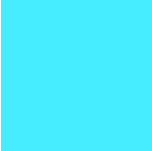
## Dichromacy



**Original Color**  
4280217840

**Protanopia**  
4292335071

**Deuteranopia**  
4292661751



**Tritanopia**  
4282838271

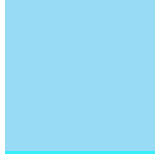
# Trichromacy



**Original Color**  
4280217840



**Protanomaly**  
4287946725



**Deuteranomaly**  
4288142580

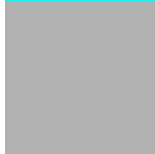


**Tritanomaly**  
4281855482

# Monochromacy



**Original Color**  
4280217840



**Achromatopsia**  
4289835441



**Achromatomaly**  
4286367944

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280217840 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(30, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(30, 240, 240)  
}
```

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(30, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 240, 240) }
```

## Border

The CSS property to change the border of an element to Android 4280217840 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(30, 240, 240) }
```

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

```
.border{ border-color:rgb(30, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(30, 240,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4280217840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 240, 240) }
```

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

```
.background{ background-color: rgb(30, 240,  
240) }
```

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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