

# Converting Colors

Android(4280864478)

Have a look what the booklet for  
Android(4280864478) contains.

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# **Color**

**Android(4280864478)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28CEDE
RGB	40, 206, 222
RGB Percent	16%, 81%, 87%
CMY	0.8431, 0.1922, 0.1294
CMYK	0.82, 0.07, 0.00, 0.13
HSL	185°, 73%, 51%
HSV	185°, 82%, 87%
XYZ	36.1312, 49.8677, 76.8283
YIQ	158.1900, -104.0720, -30.2160

# Conversions

## Conversions Part 2

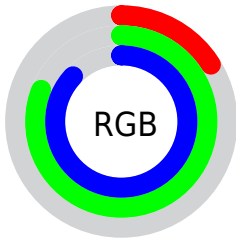
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 127, 222
Decimal	2674398
CIELab	75.99, -34.30, -19.45
CIELCh	76, 39.430, 209.562
Yxy	49.8677, 0.2219, 0.3063
Android (android.graphics.Color)	4280864478 (0xFF28CEDE)
YUV	158.1900, 31.4583, -103.6526
Hunter-Lab	70.6170, -32.2503, -15.0731

# Details

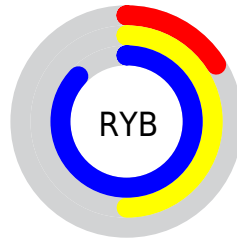
The Android color **4280864478** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4292753448**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4286119935**, and **4278228903** is the 20% darker color. If you saturate the color by 10%, you get **4279422174**, and if you desaturate by 10%, it is **4282306782**.

# Distribution



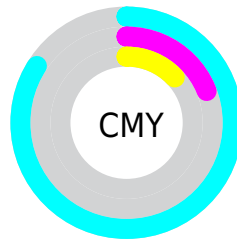
- Red (16%)
- Green (81%)
- Blue (87%)



- Red (16%)
- Yellow (50%)
- Blue (87%)



- Cyan (82%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (84%)
- Magenta (19%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280864478 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 4280864478 by changing the saturation by 10% instead.



 4280864478

 4280864478

4294967295

 4278235842

 4286119935

 4278228903

 4288217087

 4278222220

 4290314239

 4278215539

 4292345855

 4278209370

 4294377471

 4278203203

 4278198061

 4278190360

 4278190080

■ 4280864478

■ 4280864478

■ 4279422174

■ 4282306782

■ 4278242014

■ 4283749086

■ 4285256926

■ 4286699230

■ 4288141534

■ 4289583838

■ 4291026142

■ 4292533982

■ 4293976286

# Harmonies

## Analogous

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



4283682746



4280864478



4282960377

# Triad

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



4280864478



4293502689



4292131186

# Complementary

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



4280864478



4292753448

# 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.



4294028414



4280864478



4294942653

# Square

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



4280864478



4290753275



4294943385



4289643643

# Rectangle

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



4280864478



4285645823



4294943385



4292851060



# Sweetspot

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



4280864478



4290771455



4280868407



4284054656



4278190080



4286611584

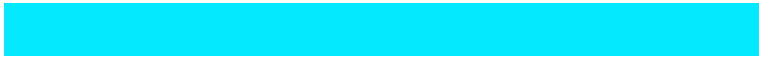


# Same Dimension

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



4280864478



4278577663



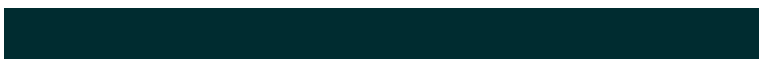
4280841438



4284837744



4278231216



4278201392



# Inverse Universe

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



4292749518



4294903273



4292776488



4285556079



4289724576

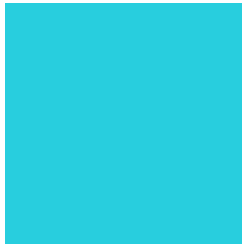


4281335852



# Previews

## White Background



This preview shows how the Android color 4280864478 looks on a white background.

## Color Contrast Check

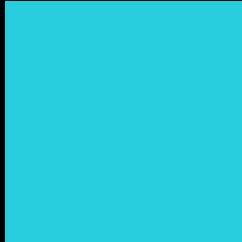
Large Text (above 18pt) WCAG AA × Fail

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 4280864478 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 4280864478 Background



This preview shows how black text looks on a background with the Android color 4280864478.



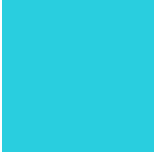
This preview shows how white text looks on a background with the Android color 4280864478.

# 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



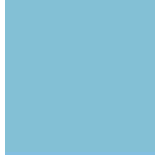


**Tritanopia**  
4280930015

# Trichromacy



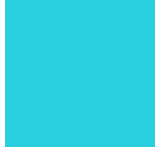
**Original Color**  
4280864478



**Protanomaly**  
4286824661



**Deuteranomaly**  
4286824417



**Tritanomaly**  
4280930015

# Monochromacy



**Original Color**  
4280864478



**Achromatopsia**  
4288585374



**Achromatomaly**  
4285771701

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280864478 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(40, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(40, 206, 222)  
}
```

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(40, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 206, 222) }
```

## Border

The CSS property to change the border of an element to Android 4280864478 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(40, 206, 222) }
```

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

```
.border{ border-color:rgb(40, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(40, 206,  
222) }
```

# Background

The CSS property to change the background color of an element to Android 4280864478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 206, 222) }
```

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

```
.background{ background-color: rgb(40, 206,  
222) }
```

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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