

# Converting Colors

Android(4284008382)

Have a look what the booklet for  
Android(4284008382) contains.

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# **Color**

**Android(4284008382)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 58C7BE                       |
| RGB         | 88, 199, 190                 |
| RGB Percent | 35%, 78%, 75%                |
| CMY         | 0.6549, 0.2196, 0.2549       |
| CMYK        | 0.56, 0.00, 0.05, 0.22       |
| HSL         | 175°, 50%, 56%               |
| HSV         | 175°, 56%, 78%               |
| XYZ         | 33.7422, 46.6393, 55.9391    |
| YIQ         | 164.7850, -63.2670, -26.3310 |

# Conversions

## Conversions Part 2

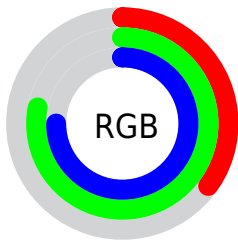
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 88, 146, 199                   |
| Decimal                             | 5818302                        |
| CIELab                              | 73.96, -33.72, -5.08           |
| CIELCh                              | 74, 34.096, 188.571            |
| Yxy                                 | 46.6393, 0.2475,<br>0.3421     |
| Android<br>(android.graphics.Color) | 4284008382<br>(0xFF58C7BE)     |
| YUV                                 | 164.7850, 12.4310,<br>-67.3404 |
| Hunter-Lab                          | 68.2929, -31.3193,<br>-0.7597  |

# Details

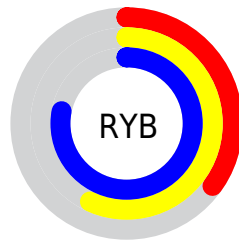
The Android color **4284008382** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **4291254369**, and the grayscale version is **4289045925**.

A 20% lighter version of the original color is **4287889398**, and **4278555017** is the 20% darker color. If you saturate the color by 10%, you get **4282697660**, and if you desaturate by 10%, it is **4285319104**.

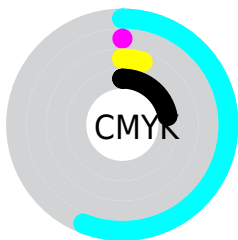
# Distribution



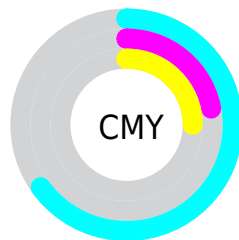
- Red (35%)
- Green (78%)
- Blue (75%)



- Red (35%)
- Yellow (57%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (65%)
- Magenta (22%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284008382 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 4284008382 by changing the saturation by 10% instead.





4284008382



4284008382

4294967295



4281904035



4287889398



4278555017



4289789951



4278220399



4291756031



4278213975



4293722111



4278207808



4278201898



4278195990



4278190080



4284008382



4284008382

■ 4282697660

■ 4285319104

■ 4281386939

■ 4286629825

■ 4280076217

■ 4287940547

■ 4278765496

■ 4289251268

■ 4278241207

■ 4290561990

■ 4291807176

■ 4293117897

■ 4294428619

■ 4294952909

# Harmonies

## Analogous

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



4286301598



4284008382



4283155932

# Triad

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



4284008382



4291210215



4292848764

# Complementary

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



4284008382



4291254369

# 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.



4293960592



4284008382



4293239245

# Square

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



4284008382



4288263923



4294155950



4290951031

# Rectangle

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



4284008382



4284269290



4294155950



4293306753

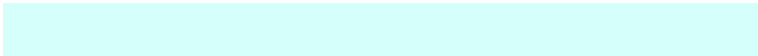


# Sweetspot

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



4284008382



4292149243



4284598104



4284907645



4278190080



4286611584



# Same Dimension

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



4284008382



4283760625



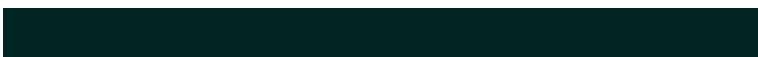
4283996615



4284113763



4278231958



4278199329



# Inverse Universe

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



4291254369



4294923362



4291266136



4284701274



4288872461

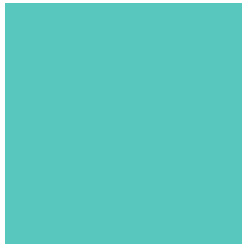


4280549379



# Previews

## White Background



This preview shows how the Android color 4284008382 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 4284008382 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 4284008382 Background



This preview shows how black text looks on a background with the Android color 4284008382.

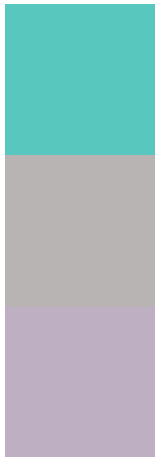


This preview shows how white text looks on a background with the Android color 4284008382.

# 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**  
4284008382

**Protanopia**  
4290294963

**Deuteranopia**  
4290752451



# Trichromacy



**Original Color**

4284008382



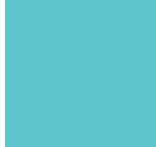
**Protanomaly**

4288002999



**Deuteranomaly**

4288329921



**Tritanomaly**

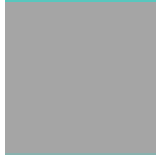
4284335564

# Monochromacy



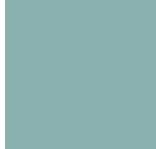
**Original Color**

4284008382



**Achromatopsia**

4289045925



**Achromatomaly**

4287213998

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284008382 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(88, 199, 190)` looks like.

```
.text, #text, p{  
    color:rgb(88, 199, 190)  
}
```

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(88, 199, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 199, 190) }
```

## Border

The CSS property to change the border of an element to Android 4284008382 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(88, 199, 190) }
```

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

```
.border{ border-color:rgb(88, 199, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 199, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(88, 199,  
190) }
```

# Background

The CSS property to change the background color of an element to Android 4284008382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 199, 190) }
```

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

```
.background{ background-color: rgb(88, 199,  
190) }
```

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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