

# Converting Colors

Android(4283483347)

Have a look what the booklet for  
Android(4283483347) contains.

<b>Android(4283483347)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4283483347)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50C4D3
RGB	80, 196, 211
RGB Percent	31%, 77%, 83%
CMY	0.6863, 0.2314, 0.1725
CMYK	0.62, 0.07, 0.00, 0.17
HSL	187°, 60%, 57%
HSV	187°, 62%, 83%
XYZ	34.8061, 45.8885, 68.6509
YIQ	163.0260, -73.9510, -19.9270

# Conversions

## Conversions Part 2

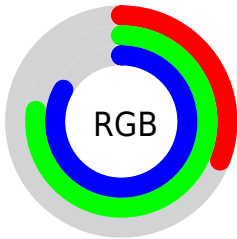
Format	Color
<a href="#">RYB</a>	<a href="#">80, 142, 211</a>
Decimal	<a href="#">5293267</a>
CIELab	<a href="#">73.47, -27.94, -17.23</a>
CIElCh	<a href="#">73, 32.828, 211.666</a>
Yxy	<a href="#">45.8885, 0.2331, 0.3073</a>
Android (android.graphics.Color)	<a href="#">4283483347</a> ( <a href="#">0xFF50C4D3</a> )
YUV	<a href="#">163.0260, 23.6512, -72.8138</a>
Hunter-Lab	<a href="#">67.7410, -26.8316, -12.6676</a>

# Details

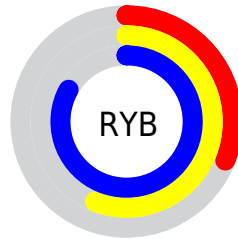
The Android color `4283483347` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4292042576`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4287561215`, and `4278226588` is the 20% darker color. If you saturate the color by 10%, you get `4282106579`, and if you desaturate by 10%, it is `4284860115`.

# Distribution



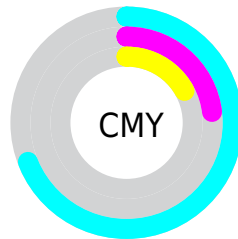
- Red (31%)
- Green (77%)
- Blue (83%)



- Red (31%)
- Yellow (56%)
- Blue (83%)



- Cyan (62%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (69%)
- Magenta (23%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283483347 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 4283483347 by changing the saturation by 10% instead.





4283483347



4283483347

4294967295



4281051575



4287561215



4278226588



4289527807



4278219906



4291493887



4278213481



4293459967



4278207313



4278201402



4278195749



4278190350



4278190080

■ 4283483347

■ 4283483347

■ 4282106579

■ 4284860115

■ 4280729555

■ 4286237139

■ 4279352787

■ 4287613907

■ 4278238163

■ 4288990931

■ 4290433235

■ 4291810003

■ 4293187027

■ 4294563795

■ 4294957779

# Harmonies

## Analogous

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



4284663221



4283483347



4284792809

# Triad

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



4283483347



4292649682



4291343224

# Complementary

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



4283483347



4292042576

# 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.



4292979072



4283483347



4293828276

# Square

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



4283483347



4290489576



4293894550



4289248384

# Rectangle

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



4283483347



4286626543



4293894550



4291932281

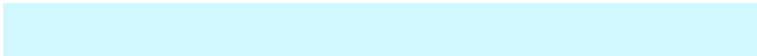


# Sweetspot

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



4283483347



4291820031



4283487069



4284644480



4278190080



4286611584

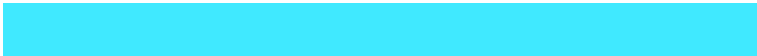


# Same Dimension

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



4283483347



4282444287



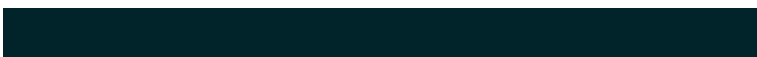
4283466963



4284376937



4278228392



4278199337



# Inverse Universe

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



4292038852



4294918377



4292058960



4285095527



4289200277

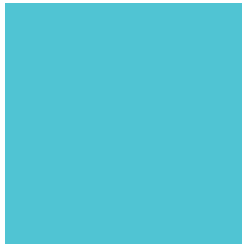


4280877092



# Previews

## White Background



This preview shows how the Android color 4283483347 looks on a white background.

## Color Contrast Check

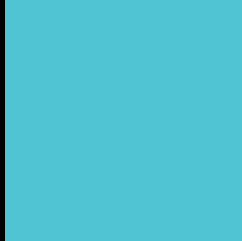
Large Text (above 18pt) WCAG AA × Fail

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 4283483347 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 4283483347 Background



This preview shows how black text looks on a background with the Android color 4283483347.



This preview shows how white text looks on a background with the Android color 4283483347.

# 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**  
4283483347

**Protanopia**  
4289770183

**Deuteranopia**  
4289966040



# Trichromacy



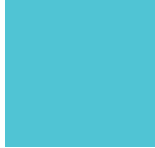
**Original Color**  
4283483347



**Protanomaly**  
4287478219



**Deuteranomaly**  
4287608790

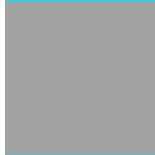


**Tritanomaly**  
4283483348

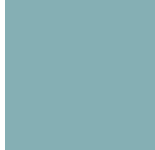
# Monochromacy



**Original Color**  
4283483347



**Achromatopsia**  
4288914339



**Achromatomaly**  
4286951348

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283483347 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(80, 196, 211)` looks like.

```
.text, #text, p{  
    color:rgb(80, 196, 211)  
}
```

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(80, 196, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 196, 211) }
```

## Border

The CSS property to change the border of an element to Android 4283483347 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(80, 196, 211) }
```

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

```
.border{ border-color:rgb(80, 196, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 196, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 196, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 196, 211);  
box-shadow:4px 4px 4px 4px rgb(80, 196,  
211) }
```

# Background

The CSS property to change the background color of an element to Android 4283483347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 196, 211) }
```

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

```
.background{ background-color: rgb(80, 196,  
211) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor