

# Converting Colors

Android(4283679664)

Have a look what the booklet for  
Android(4283679664) contains.

<b>Android(4283679664)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4283679664)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53C3B0
RGB	83, 195, 176
RGB Percent	33%, 76%, 69%
CMY	0.6745, 0.2353, 0.3098
CMYK	0.57, 0.00, 0.10, 0.24
HSL	170°, 48%, 55%
HSV	170°, 57%, 76%
XYZ	30.9189, 44.0038, 47.9383
YIQ	159.3460, -60.6530, -29.6530

# Conversions

## Conversions Part 2

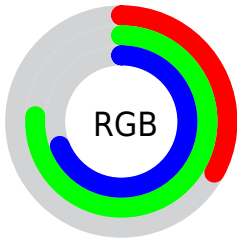
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 144, 195
Decimal	5489584
CIELab	72.23, -36.43, -0.03
CIElCh	72, 36.433, 180.043
Yxy	44.0038, 0.2517, 0.3582
Android (android.graphics.Color)	4283679664 (0xFF53C3B0)
YUV	159.3460, 8.2104, -66.9554
Hunter-Lab	66.3354, -32.8882, 3.5879

# Details

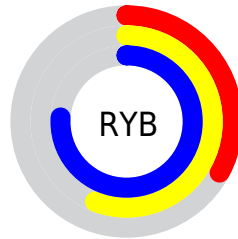
The Android color `4283679664` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted spring green. A complement of this color would be `4290990950`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4287560936`, and `4278226300` is the 20% darker color. If you saturate the color by 10%, you get `4282434477`, and if you desaturate by 10%, it is `4284990387`.

# Distribution



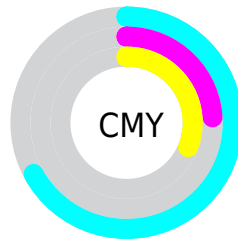
- Red (33%)
- Green (76%)
- Blue (69%)



- Red (33%)
- Yellow (56%)
- Blue (76%)



- Cyan (57%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283679664 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 4283679664 by changing the saturation by 10% instead.





4283679664



4283679664

4294967295



4281509781



4287560936



4278226300



4289462271



4278219619



4291428351



4278212939



4293328895



4278206772



4278201119



4278193928



4278190080




4283679664



4283679664

 4282434477

 4284990387

 4281123753

 4286235575

 4279813030

 4287546298

 4278567843

 4288791485

 4278240162

 4290102209

 4291347396

 4292592583

 4293903306

 4294951886

# Harmonies

## Analogous

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



4286431375



4283679664



4281582289

# Triad

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



4283679664



4290095339



4293043320

# Complementary

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



4283679664



4290990950

# 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.



4294023825



4283679664



4292582867

# Square

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



4283679664



4286756083



4293957810



4291276654

# Rectangle

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



4283679664



4282302435



4293957810



4293501055

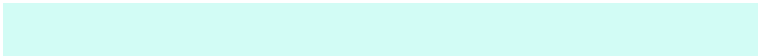


# Sweetspot

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



4283679664



4292017397



4285055827



4284907643



4278190080



4286611584



# Same Dimension

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



4283679664



4283366623



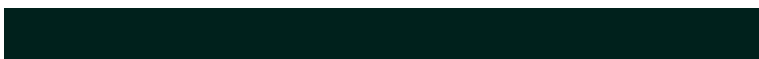
4283670723



4283916639



4278231429



4278198556



# Inverse Universe

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



4290990950



4294725228



4290999891



4284569433



4288741403

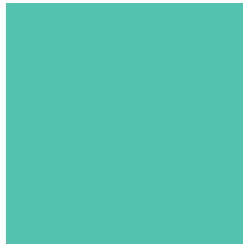


4280352774



# Previews

## White Background



This preview shows how the Android color 4283679664 looks on a white background.

## Color Contrast Check

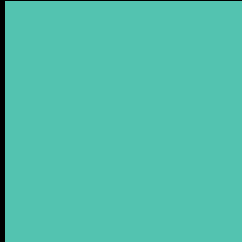
Large Text (above 18pt) WCAG AA × Fail

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 4283679664 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

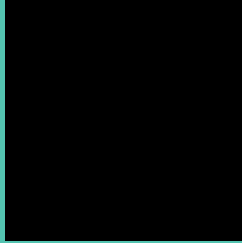
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

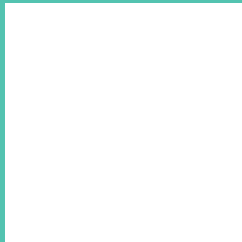
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283679664 Background



This preview shows how black text looks on a background with the Android color 4283679664.



This preview shows how white text looks on a background with the Android color 4283679664.

# 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





# Trichromacy



**Original Color**

4283679664



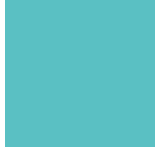
**Protanomaly**

4287805097



**Deuteranomaly**

4288132275



**Tritanomaly**

4284137667

# Monochromacy



**Original Color**

4283679664



**Achromatopsia**

4288651167



**Achromatomaly**

4286819493

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283679664 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(83, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(83, 195, 176)  
}
```

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(83, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 195, 176) }
```

## Border

The CSS property to change the border of an element to Android 4283679664 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(83, 195, 176) }
```

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

```
.border{ border-color:rgb(83, 195, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 195, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(83, 195,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4283679664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 195, 176) }
```

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

```
.background{ background-color: rgb(83, 195,  
176) }
```

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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