

# Converting Colors

Android(4283680210)

Have a look what the booklet for  
Android(4283680210) contains.

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# **Color**

**Android(4283680210)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53C5D2
RGB	83, 197, 210
RGB Percent	33%, 77%, 82%
CMY	0.6745, 0.2275, 0.1765
CMYK	0.60, 0.06, 0.00, 0.18
HSL	186°, 59%, 57%
HSV	186°, 60%, 82%
XYZ	35.1664, 46.4246, 68.0802
YIQ	164.3960, -72.1170, -20.1250

# Conversions

## Conversions Part 2

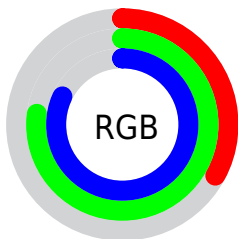
Format	Color
<b>RYB</b>	83, 143, 210
Decimal	5490130
CIELab	73.82, -28.21, -16.16
CIELCh	74, 32.507, 209.807
Yxy	46.4246, 0.2350, 0.3102
Android (android.graphics.Color)	4283680210 (0xFF53C5D2)
YUV	164.3960, 22.4828, -71.3843
Hunter-Lab	68.1356, -27.1094, -11.5468




# Details

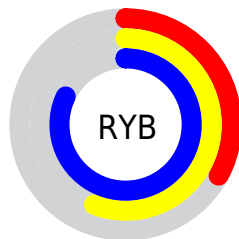
The Android color `4283680210` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4291977299`, and the grayscale version is `4288980132`.




A 20% lighter version of the original color is `4287692543`, and `4278226844` is the 20% darker color. If you saturate the color by 10%, you get `4282303442`, and if you desaturate by 10%, it is `4285056978`.

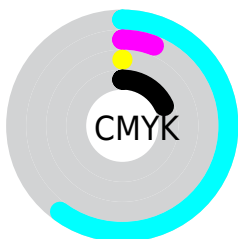
# Distribution







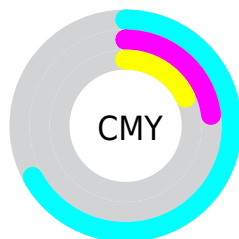
-  Red (33%)
-  Green (77%)
-  Blue (82%)






-  Red (33%)
-  Yellow (56%)
-  Blue (82%)



-  Cyan (60%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (67%)
-  Magenta (23%)
-  Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283680210 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 4283680210 by changing the saturation by 10% instead.



 4283680210

 4283680210

4294967295

 4281313974

 4287692543

 4278226844

 4289658879

 4278220162

 4291624959

 4278213736

 4293591039

 4278207568

 4278201657

 4278196004

 4278190349

 4278190080

■ 4283680210

■ 4283680210

■ 4282303442

■ 4285056978

■ 4280926674

■ 4286433746

■ 4279549906

■ 4287810514

■ 4278238674

■ 4289187538

■ 4290564306

■ 4291941074

■ 4293317842

■ 4294694610

■ 4294957266

# Harmonies

## Analogous

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



4284925620



4283680210



4284793064

# Triad

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



4283680210



4292584660



4291474298

# Complementary

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



4283680210



4291977299

# 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.



4293110147



4283680210



4293828535

# Square

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



4283680210



4290359017



4293960089



4289445249

# Rectangle

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



4283680210



4286561264



4293960089



4292128891

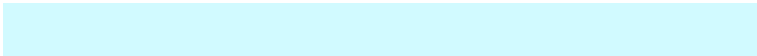


# Sweetspot

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



4283680210



4291951359



4283683424



4284710272



4278190080



4286611584



# Same Dimension

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



4283680210



4282772735



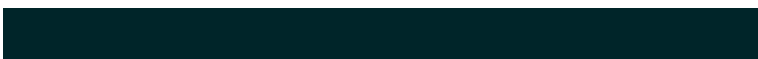
4283664082



4284376937



4278228904



4278199593



# Inverse Universe

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



4291974085



4294919660



4291993427



4285095527



4289200279



4280877093



# Previews

## White Background



This preview shows how the Android color 4283680210 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 4283680210 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 4283680210 Background



This preview shows how black text looks on a background with the Android color 4283680210.



This preview shows how white text looks on a background with the Android color 4283680210.

# 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





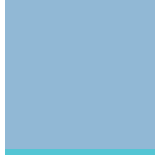
# Trichromacy



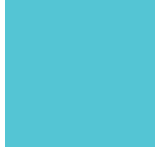
**Original Color**  
4283680210



**Protanomaly**  
4287609546



**Deuteranomaly**  
4287740117



**Tritanomaly**  
4283745748

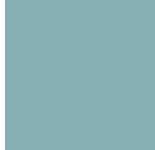
# Monochromacy



**Original Color**  
4283680210



**Achromatopsia**  
4288980132



**Achromatomaly**  
4287082677

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283680210 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, 197, 210)` looks like.

```
.text, #text, p{  
    color:rgb(83, 197, 210)  
}
```

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, 197, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 197, 210) }
```

## Border

The CSS property to change the border of an element to Android 4283680210 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, 197, 210) }
```

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

```
.border{ border-color:rgb(83, 197, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 197, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 197, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 197, 210);  
box-shadow:4px 4px 4px 4px rgb(83, 197,  
210) }
```

# Background

The CSS property to change the background color of an element to Android 4283680210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 197, 210) }
```

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

```
.background{ background-color: rgb(83, 197,  
210) }
```

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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