

# Converting Colors

Android(4283491265)

Have a look what the booklet for  
Android(4283491265) contains.

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# **Color**

**Android(4283491265)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50E3C1
RGB	80, 227, 193
RGB Percent	31%, 89%, 76%
CMY	0.6863, 0.1098, 0.2431
CMYK	0.65, 0.00, 0.15, 0.11
HSL	166°, 72%, 60%
HSV	166°, 65%, 89%
XYZ	40.4030, 60.4939, 59.9991
YIQ	179.1710, -76.6980, -41.7380

# Conversions

## Conversions Part 2

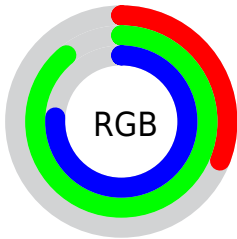
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 163, 227
Decimal	5301185
CIELab	82.11, -46.92, 5.18
CIELCh	82, 47.207, 173.700
Yxy	60.4939, 0.2511, 0.3760
Android (android.graphics.Color)	4283491265 (0xFF50E3C1)
YUV	179.1710, 6.8177, -86.9730
Hunter-Lab	77.7778, -43.3864, 8.7072

# Details

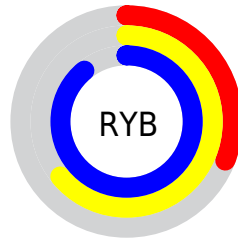
The Android color `4283491265` is a light color, and the websafe version is hex `66FFCC`. The color can be described as light muted cyan. A complement of this color would be `4293087346`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4287692793`, and `4278233996` is the 20% darker color. If you saturate the color by 10%, you get `4281983932`, and if you desaturate by 10%, it is `4284998598`.

# Distribution



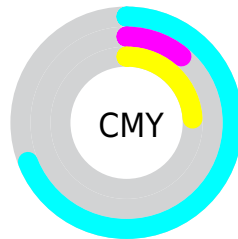
- Red (31%)
- Green (89%)
- Blue (76%)



- Red (31%)
- Yellow (64%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283491265 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 4283491265 by changing the saturation by 10% instead.





4283491265



4283491265

4294967295



4280797094



4287692793



4278233996



4289724415



4278227058



4291690495



4278220122



4293722111



4278213698



4278207276



4278201623




4278193664




4278190080

 4283491265

 4283491265

 4281983932

 4284998598

 4280542134

 4286440396

 4279034801

 4287947729

 4278248366

 4289455062

 4290896859

 4292404193

 4293911526

 4294960107

 4294960112

# Harmonies

## Analogous

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



4287749782



4283491265



4278248430

# Triad

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



4283491265



4291020031



4294948742

# Complementary

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



4283491265



4293087346

# 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.



4294945707



4283491265



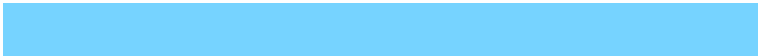
4294685951

# Square

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



4283491265



4285977599



4294945495



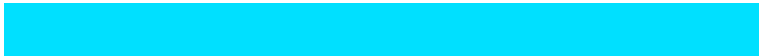
4294035059

# Rectangle

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



4283491265



4278247679



4294945495



4294947473

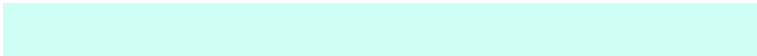


# Sweetspot

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



4283491265



4291821556



4285719376



4284645497



4278190080



4286611584



# Same Dimension

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



4283491265



4281925585



4283481315



4284969840



4278236041



4278203175



# Inverse Universe

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



4293087346



4294916198



4293097296



4285753194



4289921065

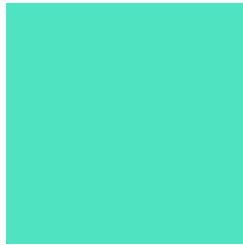


4281532428



# Previews

## White Background



This preview shows how the Android color 4283491265 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 4283491265 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

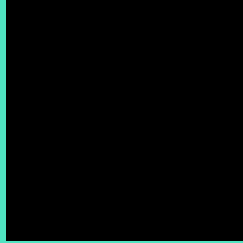
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283491265 Background



This preview shows how black text looks on a background with the Android color 4283491265.



This preview shows how white text looks on a background with the Android color 4283491265.

# 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



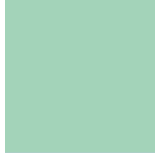


# Trichromacy



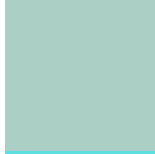
**Original Color**

4283491265



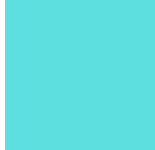
**Protanomaly**

4288926649



**Deuteranomaly**

4289449925



**Tritanomaly**

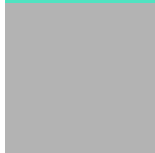
4284276702

# Monochromacy



**Original Color**

4283491265



**Achromatopsia**

4289967027



**Achromatomaly**

4287612088

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283491265 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, 227, 193)` looks like.

```
.text, #text, p{  
    color:rgb(80, 227, 193)  
}
```

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, 227, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 227, 193) }
```

## Border

The CSS property to change the border of an element to Android 4283491265 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, 227, 193) }
```

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

```
.border{ border-color:rgb(80, 227, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 227, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 227, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 227, 193);  
box-shadow:4px 4px 4px 4px rgb(80, 227,  
193) }
```

# Background

The CSS property to change the background color of an element to Android 4283491265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 227, 193) }
```

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

```
.background{ background-color: rgb(80, 227,  
193) }
```

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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