

# Converting Colors

Android(4285580722)

Have a look what the booklet for  
Android(4285580722) contains.

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**Color**

**Android(4285580722)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70C5B2
RGB	112, 197, 178
RGB Percent	44%, 77%, 70%
CMY	0.5608, 0.2275, 0.3020
CMYK	0.43, 0.00, 0.10, 0.23
HSL	167°, 42%, 61%
HSV	167°, 43%, 77%
XYZ	34.6842, 46.5916, 49.2845
YIQ	169.4190, -44.5610, -23.9290

# Conversions

## Conversions Part 2

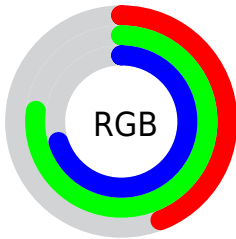
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 160, 197
Decimal	7390642
CIELab	73.93, -30.32, 1.49
CIElCh	74, 30.355, 177.192
Yxy	46.5916, 0.2657, 0.3569
Android (android.graphics.Color)	4285580722 (0xFF70C5B2)
YUV	169.4190, 4.2304, -50.3565
Hunter-Lab	68.2580, -28.7497, 4.9713

# Details

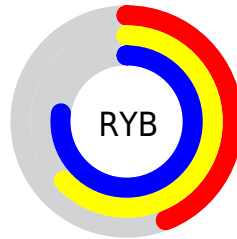
The Android color `4285580722` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4291129475`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4289265386`, and `4281896829` is the 20% darker color. If you saturate the color by 10%, you get `4284269998`, and if you desaturate by 10%, it is `4286891446`.

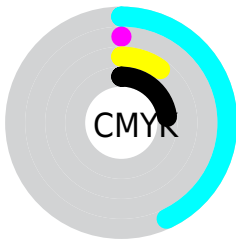
# Distribution



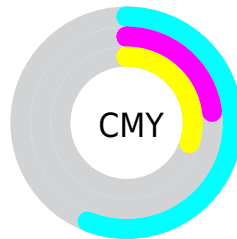
- Red (44%)
- Green (77%)
- Blue (70%)



- Red (44%)
- Yellow (63%)
- Blue (77%)



- Cyan (43%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)



- Cyan (56%)
- Magenta (23%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285580722 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 4285580722 by changing the saturation by 10% instead.





4285580722



4285580722

4294967295



4283738775



4289265386



4281896829



4291100671



4279727461



4293001215



4278213709



4278207542



4278201633



4278195978



4278190080



4285580722




4285580722

 4284269998

 4286891446

 4283024809

 4288136635

 4281714085

 4289447359

 4280403360

 4290758084

 4279092636

 4292068808

 4278240665

 4293313996

 4294624721

 4294952405

 4294952410

# Harmonies

## Analogous

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



4287611543



4285580722



4284401102

# Triad

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



4285580722



4290162663



4293044872

# Complementary

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



4285580722



4291129475

# 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.



4293763998



4285580722



4292323028

# Square

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



4285580722



4287543789



4293566905



4291605374

# Rectangle

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



4285580722



4284662494



4293566905



4293371790

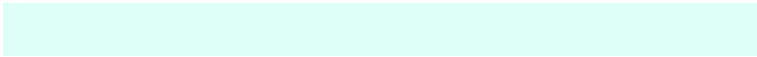


# Sweetspot

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



4285580722



4292804600



4286891376



4285235323



4278190080



4286611584



# Same Dimension

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



4285580722



4286250977



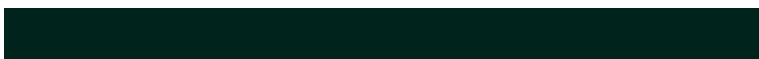
4285574853



4284113761



4278231935



4278199324



# Inverse Universe

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



4291129475



4294933144



4291135344



4284701276



4288872484

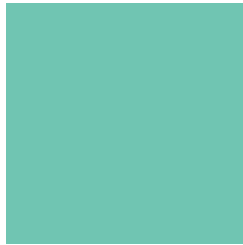


4280549384



# Previews

## White Background



This preview shows how the Android color 4285580722 looks on a white background.

## Color Contrast Check

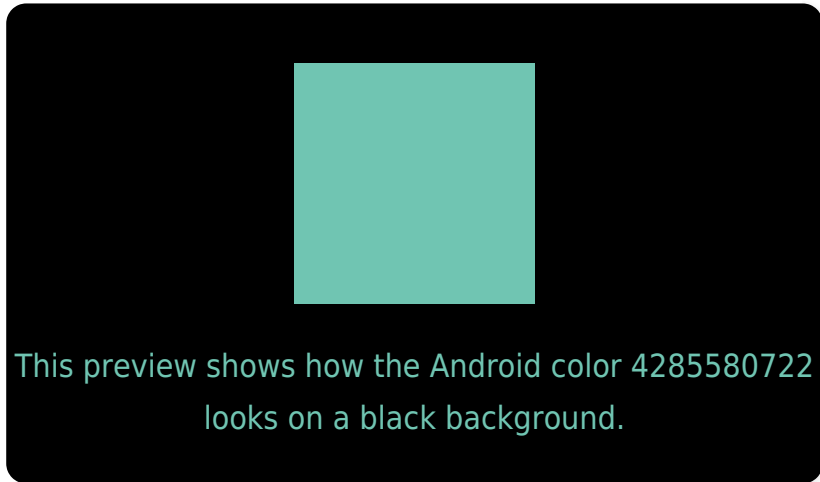
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

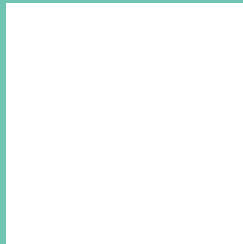
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285580722 Background



This preview shows how black text looks on a background with the Android color 4285580722.



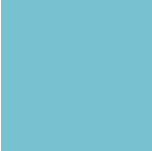
This preview shows how white text looks on a background with the Android color 4285580722.

# 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](#).

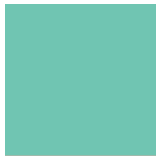
## Dichromacy





**Tritanopia**  
4286104016

# Trichromacy



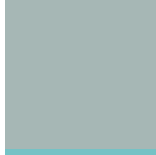
**Original Color**

4285580722



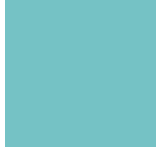
**Protanomaly**

4288723628



**Deuteranomaly**

4289116085



**Tritanomaly**

4285907653

# Monochromacy



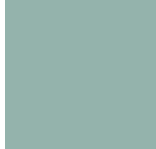
**Original Color**

4285580722



**Achromatopsia**

4289309097



**Achromatomaly**

4287935404

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285580722 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(112, 197, 178)` looks like.

```
.text, #text, p{  
    color:rgb(112, 197, 178)  
}
```

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(112, 197, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 197, 178) }
```

## Border

The CSS property to change the border of an element to Android 4285580722 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(112, 197, 178) }
```

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

```
.border{ border-color:rgb(112, 197, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 197, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 197, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 197, 178); box-shadow:4px 4px 4px 4px rgb(112, 197, 178) }
```

# Background

The CSS property to change the background color of an element to Android 4285580722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 197, 178) }
```

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

```
.background{ background-color: rgb(112,  
197, 178) }
```

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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