

# Converting Colors

Android(4283942598)

Have a look what the booklet for  
Android(4283942598) contains.

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**Color**

**Android(4283942598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57C6C6
RGB	87, 198, 198
RGB Percent	34%, 78%, 78%
CMY	0.6588, 0.2235, 0.2235
CMYK	0.56, 0.00, 0.00, 0.22
HSL	180°, 49%, 56%
HSV	180°, 56%, 78%
XYZ	34.3176, 46.4916, 60.5911
YIQ	164.8110, -66.1560, -23.5320

# Conversions

## Conversions Part 2

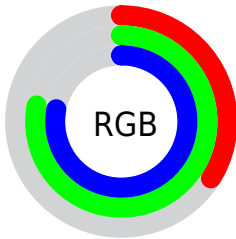
Format	Color
<a href="#">RYB</a>	<a href="#">87, 143, 198</a>
Decimal	<a href="#">5752518</a>
CIELab	<a href="#">73.86, -31.30, -9.57</a>
CIElCh	<a href="#">74, 32.734, 196.996</a>
Yxy	<a href="#">46.4916, 0.2427, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4283942598 (0xFF57C6C6)</a>
YUV	<a href="#">164.8110, 16.3622, -68.2402</a>
Hunter-Lab	<a href="#">68.1848, -29.4837, -4.9576</a>

# Details

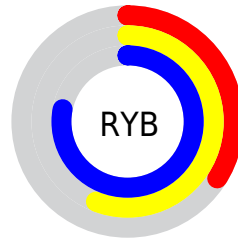
The Android color `4283942598` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4291188567`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4287889407`, and `4278227088` is the 20% darker color. If you saturate the color by 10%, you get `4282631878`, and if you desaturate by 10%, it is `4285253318`.

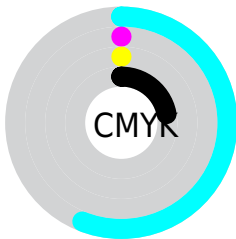
# Distribution



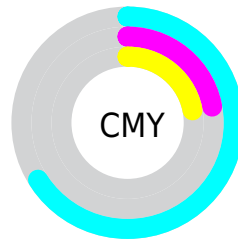
- Red (34%)
- Green (78%)
- Blue (78%)



- Red (34%)
- Yellow (56%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283942598 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 4283942598 by changing the saturation by 10% instead.



 4283942598

 4283942598

4294967295


 4281772715

 4287889407

 4278227088

 4289789951

 4278220407

 4291756031

 4278213982

 4293722111

 4278207558

 4278201648

 4278195995


 4278190080

 4283942598

 4283942598

 4282631878

 4285253318

 4281321158

 4286564038

 4280075974

 4287809222

 4278765254

 4289119942

 4278240966

 4290430662

 4291741382

 4293052102

 4294297286

 4294952646

# Harmonies

## Analogous

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



4285842855



4283942598



4283941856

# Triad

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



4283942598



4291799263



4292259707

# Complementary

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



4283942598



4291188567

# 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.



4293633419



4283942598



4293435588

# Square

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



4283942598



4289180399



4294090661



4290361724

# Rectangle

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



4283942598



4285317100



4294090661



4292783231

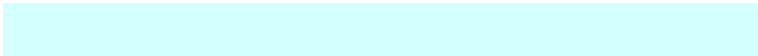


# Sweetspot

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



4283942598



4292149247



4283942487



4284907648



4278190080



4286611584



# Same Dimension

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



4283942598



4283760639



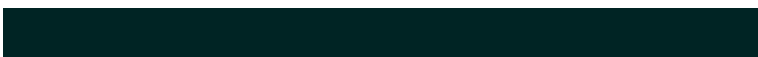
4283928518



4284113763



4278231971



4278199332



# Inverse Universe

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



4291188678



4294923519



4291202903



4284701283



4288872611

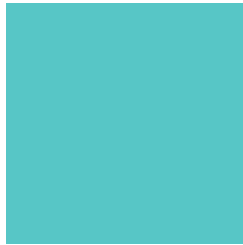


4280549412



# Previews

## White Background



This preview shows how the Android color 4283942598 looks on a white background.

## Color Contrast Check

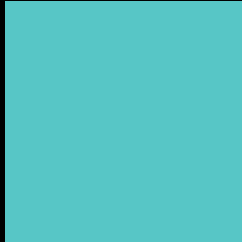
Large Text (above 18pt) WCAG AA × Fail

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 4283942598 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

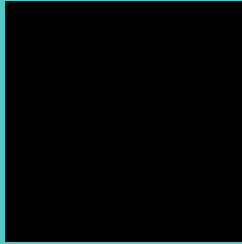
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

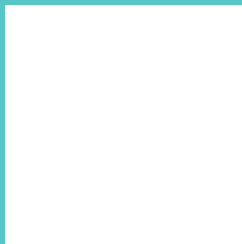
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283942598 Background



This preview shows how black text looks on a background with the Android color 4283942598.



This preview shows how white text looks on a background with the Android color 4283942598.

# 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**

4283942598



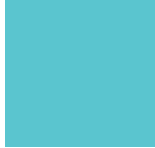
**Protanomaly**

4287871679



**Deuteranomaly**

4288133321



**Tritanomaly**

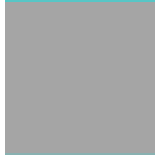
4284138959

# Monochromacy



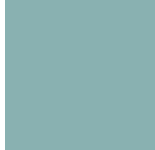
**Original Color**

4283942598



**Achromatopsia**

4289045925



**Achromatomaly**

4287214001

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283942598 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(87, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(87, 198, 198)  
}
```

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(87, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 198, 198) }
```

## Border

The CSS property to change the border of an element to Android 4283942598 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(87, 198, 198) }
```

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

```
.border{ border-color:rgb(87, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(87, 198,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4283942598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 198, 198) }
```

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

```
.background{ background-color: rgb(87, 198,  
198) }
```

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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