

# Converting Colors

Android(4284398009)

Have a look what the booklet for  
Android(4284398009) contains.

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**Color**

**Android(4284398009)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EB9B9
RGB	94, 185, 185
RGB Percent	37%, 73%, 73%
CMY	0.6314, 0.2745, 0.2745
CMYK	0.49, 0.00, 0.00, 0.27
HSL	180°, 39%, 55%
HSV	180°, 49%, 73%
XYZ	30.7220, 40.5804, 52.1125
YIQ	157.7910, -54.2360, -19.2920

# Conversions

## Conversions Part 2

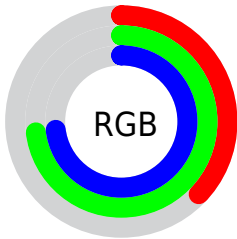
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 140, 185
Decimal	6207929
CIELab	69.88, -27.03, -8.37
CIElCh	70, 28.301, 197.208
Yxy	40.5804, 0.2489, 0.3288
Android (android.graphics.Color)	4284398009 (0xFF5EB9B9)
YUV	157.7910, 13.4140, -55.9447
Hunter-Lab	63.7027, -25.3943, -3.9107

# Details

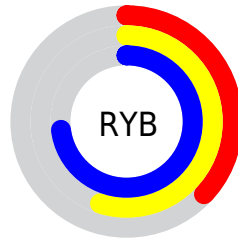
The Android color `4284398009` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290338398`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4288147953`, and `4280190084` is the 20% darker color. If you saturate the color by 10%, you get `4283218361`, and if you desaturate by 10%, it is `4285643193`.

# Distribution



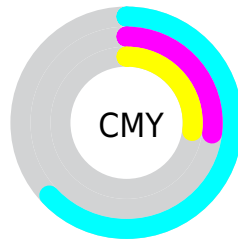
- Red (37%)
- Green (73%)
- Blue (73%)



- Red (37%)
- Yellow (55%)
- Blue (73%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (63%)
- Magenta (27%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284398009 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 4284398009 by changing the saturation by 10% instead.





4284398009



4284398009

4294967295



4282490526



4288147953



4280190084



4290052095



4278217323



4291952639



4278210899



4293853183



4278204988



4278199334



4278190354



4278190080



4284398009



4284398009

■ 4283218361

■ 4285643193

■ 4281973177

■ 4286822841

■ 4280793529

■ 4288068025

■ 4279548345

■ 4289247673

■ 4278303161

■ 4290492857

■ 4278237625

■ 4291672505

■ 4292917689

■ 4294097337

■ 4294949305

# Harmonies

## Analogous

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



4285839519



4284398009



4284462800

# Triad

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



4284398009



4290879438



4291274105

# Complementary

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



4284398009



4290338398

# 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.



4292451718



4284398009



4292319671

# Square

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



4284398009



4288653532



4292843677



4289638009

# Rectangle

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



4284398009



4285510617



4292843677



4291732092



# Sweetspot

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



4284398009



4291621104



4284397918



4284643448



4294440951



4286085240



# Same Dimension

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



4284398009



4284674288



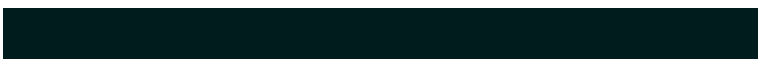
4284386489



4283653212



4278230172



4278197276



# Inverse Universe

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



4290338489



4293944048



4290350174



4284240732



4288413852

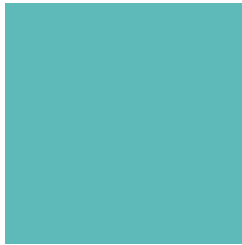


4280025116



# Previews

## White Background



This preview shows how the Android color 4284398009 looks on a white background.

## Color Contrast Check

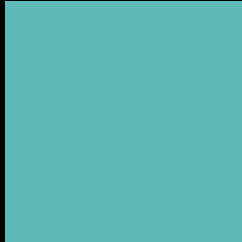
Large Text (above 18pt) WCAG AA × Fail

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 4284398009 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 4284398009 Background



This preview shows how black text looks on a background with the Android color 4284398009.

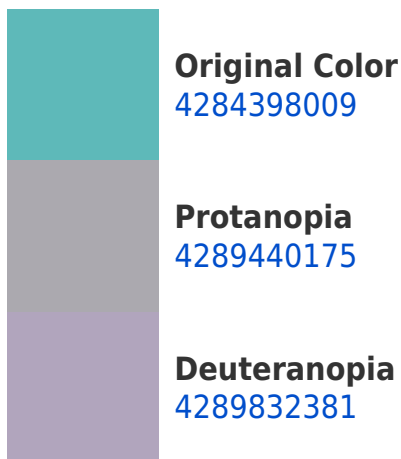


This preview shows how white text looks on a background with the Android color 4284398009.

# 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



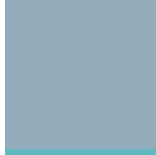
**Original Color**

4284398009



**Protanomaly**

4287606707



**Deuteranomaly**

4287868092



**Tritanomaly**

4284594369

# Monochromacy



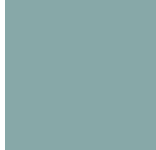
**Original Color**

4284398009



**Achromatopsia**

4288585374



**Achromatomaly**

4287080616

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284398009 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(94, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(94, 185, 185)  
}
```

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(94, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 185, 185) }
```

## Border

The CSS property to change the border of an element to Android 4284398009 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(94, 185, 185) }
```

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

```
.border{ border-color:rgb(94, 185, 185) }
```

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

Here you see how a box with a 4 pixel rgb(94, 185, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(94, 185,  
185) }
```

# Background

The CSS property to change the background color of an element to Android 4284398009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 185, 185) }
```

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

```
.background{ background-color: rgb(94, 185,  
185) }
```

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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