

# Converting Colors

Android(4284397984)

Have a look what the booklet for  
Android(4284397984) contains.

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**Color**

**Android(4284397984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EB9A0
RGB	94, 185, 160
RGB Percent	37%, 73%, 63%
CMY	0.6314, 0.2745, 0.3725
CMYK	0.49, 0.00, 0.14, 0.27
HSL	164°, 39%, 55%
HSV	164°, 49%, 73%
XYZ	28.3102, 39.6157, 39.4122
YIQ	154.9410, -46.2110, -27.0670

# Conversions

## Conversions Part 2

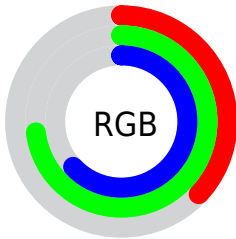
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 147, 185
Decimal	6207904
CIELab	69.19, -33.30, 4.35
CIELCh	69, 33.586, 172.553
Yxy	39.6157, 0.2637, 0.3691
Android (android.graphics.Color)	4284397984 (0xFF5EB9A0)
YUV	154.9410, 2.4941, -53.4453
Hunter-Lab	62.9410, -29.8592, 6.9327

# Details

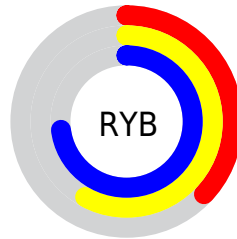
The Android color `4284397984` is a dark color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290338423`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4288082647`, and `4280451949` is the 20% darker color. If you saturate the color by 10%, you get `4283218331`, and if you desaturate by 10%, it is `4285643173`.

# Distribution



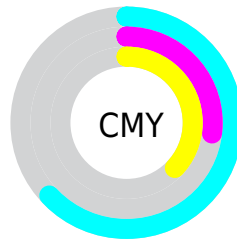
- Red (37%)
- Green (73%)
- Blue (63%)



- Red (37%)
- Yellow (58%)
- Blue (73%)



- Cyan (49%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (63%)
- Magenta (27%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284397984 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 4284397984 by changing the saturation by 10% instead.



 4284397984

 4284397984

4294967295

 4282556038

 4288082647

 4280451949

 4289921011

 4278217300

 4291821567

 4278210877

 4293722111

 4278204711

 4278199315


 4278190080

 4284397984

 4284397984

 4283218331

 4285643173

 4281973142

 4286822826

 4280793489

 4288068015


 4279548300

 4289247668

 4278303111

 4290492857

 4278237574

 4291672510

 4292917700

 4294097353

 4294949326

# Harmonies

## Analogous

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



4286821763



4284397984



4282431935

# Triad

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



4284397984



4288849121



4292582010

# Complementary

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



4284397984



4290338423

# 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.



4293235603



4284397984



4291336654

# Square

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



4284397984



4285771493



4292842162



4291142765

# Rectangle

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



4284397984



4282365905



4292842162



4292908929



# Sweetspot

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



4284397984



4291621094



4286101854



4284643442



4294440951



4286085240



# Same Dimension

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



4284397984



4284674249



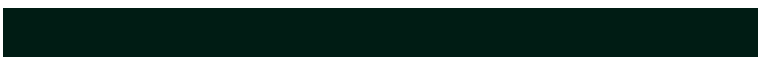
4284392889



4283653209



4278230129



4278197268



# Inverse Universe

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



4290338423



4293943945



4290343518



4284240725



4288413739

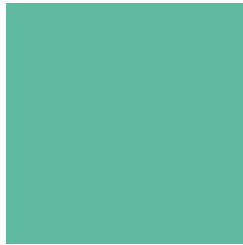


4280025096



# Previews

## White Background



This preview shows how the Android color 4284397984 looks on a white background.

## Color Contrast Check

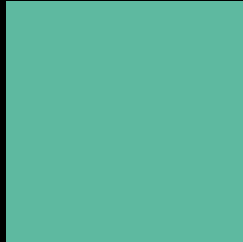
Large Text (above 18pt) WCAG AA × Fail

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 4284397984 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 4284397984 Background



This preview shows how black text looks on a background with the Android color 4284397984.

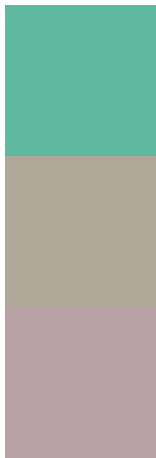


This preview shows how white text looks on a background with the Android color 4284397984.

# 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



**Original Color**  
4284397984

**Protanopia**  
4289701783

**Deuteranopia**  
4290355877



# Trichromacy



**Original Color**

4284397984



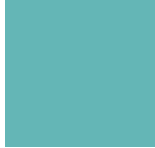
**Protanomaly**

4287803034



**Deuteranomaly**

4288195235



**Tritanomaly**

4284790454

# Monochromacy



**Original Color**

4284397984



**Achromatopsia**

4288387995



**Achromatomaly**

4286949021

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284397984 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(94, 185, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 185, 160) }
```

## Border

The CSS property to change the border of an element to Android 4284397984 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, 160) }
```

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

```
.border{ border-color:rgb(94, 185, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 185, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 185, 160);  
box-shadow:4px 4px 4px 4px rgb(94, 185,  
160) }
```

# Background

The CSS property to change the background color of an element to Android 4284397984 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, 160) }
```

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

```
.background{ background-color: rgb(94, 185,  
160) }
```

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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