

# Converting Colors

Android(4284193407)

Have a look what the booklet for  
Android(4284193407) contains.

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# Color

**Android(4284193407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B9A7F
RGB	91, 154, 127
RGB Percent	36%, 60%, 50%
CMY	0.6431, 0.3961, 0.5020
CMYK	0.41, 0.00, 0.18, 0.40
HSL	154°, 26%, 48%
HSV	154°, 41%, 60%
XYZ	19.7008, 26.8677, 24.2263
YIQ	132.0850, -28.8810, -21.7530

# Conversions

## Conversions Part 2

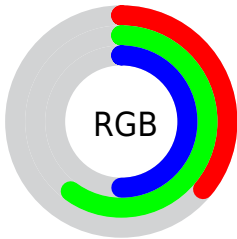
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 131, 154
Decimal	6003327
CIE <sub>Lab</sub>	58.85, -26.73, 7.86
CIE <sub>LCh</sub>	59, 27.864, 163.609
Yxy	26.8677, 0.2783, 0.3795
Android (android.graphics.Color)	4284193407 (0xFF5B9A7F)
YUV	132.0850, -2.5069, -36.0315
Hunter-Lab	51.8340, -22.8664, 8.5727

# Details

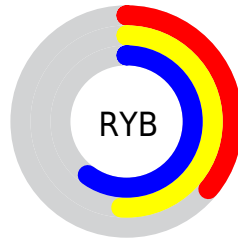
The Android color `4284193407` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4288306038`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4287680948`, and `4280772174` is the 20% darker color. If you saturate the color by 10%, you get `4283210360`, and if you desaturate by 10%, it is `4285176454`.

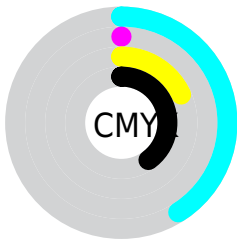
# Distribution



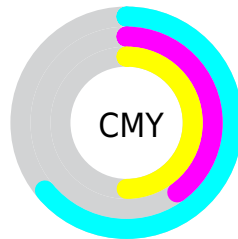
- Red (36%)
- Green (60%)
- Blue (50%)



- Red (36%)
- Yellow (51%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284193407 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 4284193407 by changing the saturation by 10% instead.





4284193407



4284193407

4294967295



4282482790



4287680948



4280772174



4289457615



4278734391



4291297259



4278204194



4293197823



4278198796



4278190080



4284193407



4284193407



4283210360



4285176454



4282161778



4286225036

■ 4281178731

■ 4287208083

■ 4280130149

■ 4288256665

■ 4279147102

■ 4289239712

■ 4278229592

■ 4290222759

■ 4291271341

■ 4292254388

■ 4293302970

# Harmonies

## Analogous

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



4286092906



4284193407



4282555288

# Triad

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



4284193407



4286483645



4290412653

# Complementary

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



4284193407



4288306038

# 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.



4290673539



4284193407



4288644017

# Square

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



4284193407



4284060860



4290084252



4289365855

# Rectangle

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



4284193407



4282096296



4290084252



4290608756



# Sweetspot

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



4284193407



4289841599



4285962843



4283983456



4293322470



4284900966



# Same Dimension

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



4284193407



4284991903



4284192410



4282731849



4278226000



4278193415



# Inverse Universe

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



4288306038



4291389329



4288307035



4283254088



4287365180



4279042053



# Previews

## White Background



This preview shows how the Android color 4284193407 looks on a white background.

## Color Contrast Check

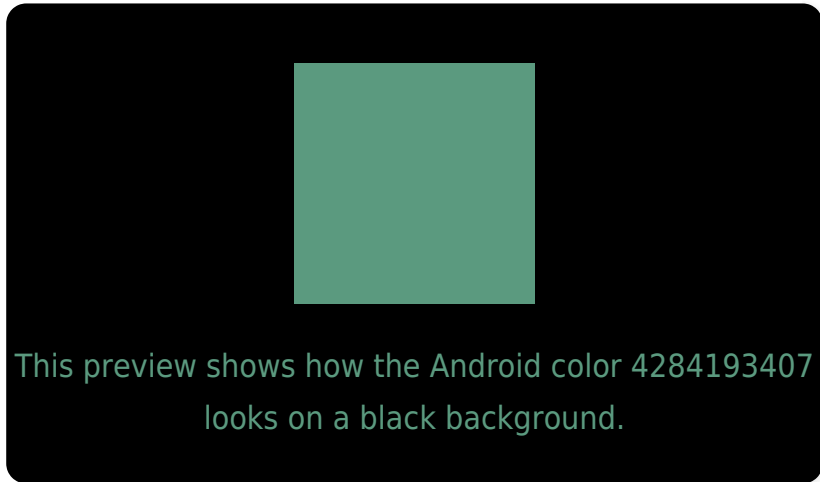
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4284193407 Background



This preview shows how black text looks on a background with the Android color 4284193407.



This preview shows how white text looks on a background with the Android color 4284193407.

# 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**  
4284193407

**Protanomaly**  
4286550651

**Deuteranomaly**  
4287008642

**Tritanomaly**  
4284520341

# Monochromacy



**Original Color**  
4284193407

**Achromatopsia**  
4286874756

**Achromatomaly**  
4285893762

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284193407 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(91, 154, 127)` looks like.

```
.text, #text, p{  
    color:rgb(91, 154, 127)  
}
```

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(91, 154, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 154, 127) }
```

## Border

The CSS property to change the border of an element to Android 4284193407 is called "border". The border property can be set on classes, ids or directly on the HTML element.

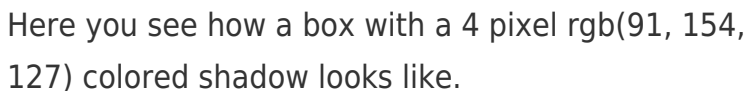
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 154, 127) }
```

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

```
.border{ border-color:rgb(91, 154, 127) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 154, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 154, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 154, 127); box-shadow:4px 4px 4px 4px rgb(91, 154, 127) }
```

# Background

The CSS property to change the background color of an element to Android 4284193407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 154, 127) }
```

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

```
.background{ background-color: rgb(91, 154,  
127) }
```

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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