

# Converting Colors

Android(4284394107)

Have a look what the booklet for  
Android(4284394107) contains.

<b>Android(4284394107)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4284394107)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EAA7B
RGB	94, 170, 123
RGB Percent	37%, 67%, 48%
CMY	0.6314, 0.3333, 0.5176
CMYK	0.45, 0.00, 0.28, 0.33
HSL	143°, 31%, 52%
HSV	143°, 45%, 67%
XYZ	22.5660, 32.5592, 23.8341
YIQ	141.9180, -30.2090, -30.7290

# Conversions

## Conversions Part 2

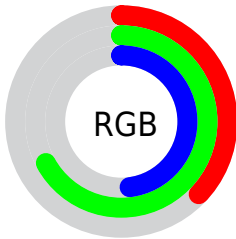
Format	Color
<a href="#">RYB</a>	<a href="#">94, 149, 170</a>
Decimal	<a href="#">6204027</a>
CIELab	<a href="#">63.80, -34.37, 17.06</a>
CIElCh	<a href="#">64, 38.370, 153.607</a>
Yxy	<a href="#">32.5592, 0.2858, 0.4124</a>
Android (android.graphics.Color)	<a href="#">4284394107 (0xFF5EAA7B)</a>
YUV	<a href="#">141.9180, -9.3266, -42.0241</a>
Hunter-Lab	<a href="#">57.0607, -29.2642, 15.1772</a>

# Details

The Android color `4284394107` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4289355405`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4287947440`, and `4280841546` is the 20% darker color. If you saturate the color by 10%, you get `4283279984`, and if you desaturate by 10%, it is `4285508230`.

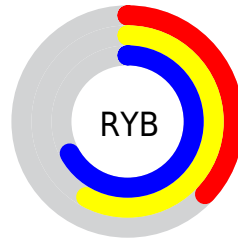
# Distribution



Red (37%)

Green (67%)

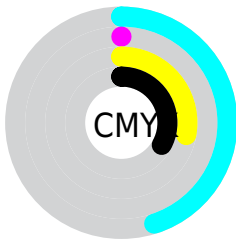
Blue (48%)



Red (37%)

Yellow (58%)

Blue (67%)

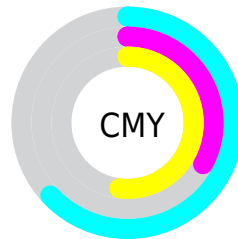


Cyan (45%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (63%)

Magenta (33%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284394107 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 4284394107 by changing the saturation by 10% instead.





4284394107



4284394107

4294967295



4282617698



4287947440



4280841546



4289789899



4278344755



4291624935



4278207517



4293525503



4278201606



4278195712



4278190080



4284394107



4284394107



4283279984



4285508230

 4282165862

 4286622352

 4281051739

 4287736475


 4279937617

 4288850597

 4278823494

 4289964720

 4278233665

 4291078842

 4292192965

 4293307087

 4294421210

# Harmonies

## Analogous

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



4287145056



4284394107



4280528286

# Triad

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



4284394107



4285373918



4292510582

# Complementary

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



4284394107



4289355405

# 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.



4292575128



4284394107



4288975060

# Square

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



4284394107



4280395479



4291396794



4291399262

# Rectangle

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



4284394107



4278234293



4291396794



4292641153



# Sweetspot

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



4284394107



4290895564



4287539806



4284379237



4293980400



4285558896



# Same Dimension

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



4284394107



4284931732



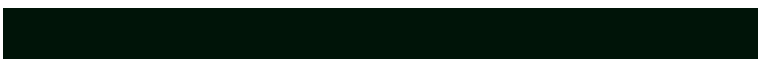
4284394144



4283192399



4278228024



4278195208



# Inverse Universe

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



4289355405



4292765360



4289355368



4283714641



4287889499



4279500813



# Previews

## White Background



This preview shows how the Android color 4284394107 looks on a white background.

## Color Contrast Check

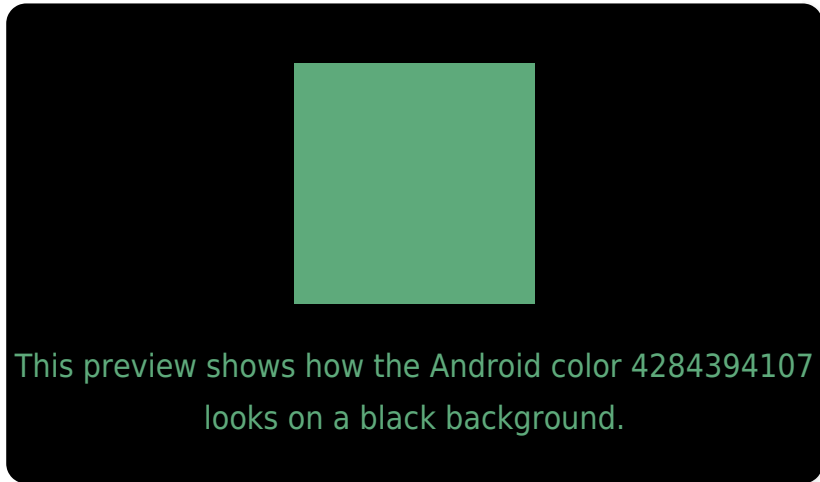
Large Text (above 18pt) WCAG AA × Fail

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

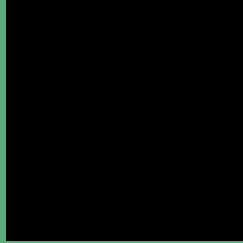
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284394107 Background



This preview shows how black text looks on a background with the Android color 4284394107.



This preview shows how white text looks on a background with the Android color 4284394107.

# 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**  
4284394107

**Protanopia**  
4289043059

**Deuteranopia**  
4289893504



# Trichromacy



**Original Color**

4284394107



**Protanomaly**

4287340662



**Deuteranomaly**

4287863934



**Tritanomaly**

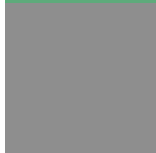
4284917405

# Monochromacy



**Original Color**

4284394107



**Achromatopsia**

4287532686



**Achromatomaly**

4286421127

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284394107 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, 170, 123)` looks like.

```
.text, #text, p{  
    color:rgb(94, 170, 123)  
}
```

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, 170, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 170, 123) }
```

## Border

The CSS property to change the border of an element to Android 4284394107 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, 170, 123) }
```

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

```
.border{ border-color:rgb(94, 170, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 170, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 170, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 170, 123);  
box-shadow:4px 4px 4px 4px rgb(94, 170,  
123) }
```

# Background

The CSS property to change the background color of an element to Android 4284394107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 170, 123) }
```

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

```
.background{ background-color: rgb(94, 170,  
123) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor