

# Converting Colors

Android(4284854909)

Have a look what the booklet for  
Android(4284854909) contains.

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**Color**

**Android(4284854909)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65B27D
RGB	101, 178, 125
RGB Percent	40%, 70%, 49%
CMY	0.6039, 0.3020, 0.5098
CMYK	0.43, 0.00, 0.30, 0.30
HSL	139°, 33%, 55%
HSV	139°, 43%, 70%
XYZ	24.9889, 36.0882, 25.0507
YIQ	148.9350, -28.8790, -32.8070

# Conversions

## Conversions Part 2

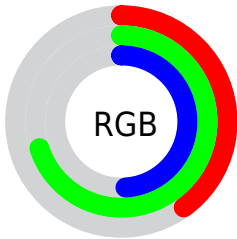
Format	Color
<a href="#">RYB</a>	<a href="#">101, 160, 178</a>
Decimal	<a href="#">6664829</a>
CIELab	<a href="#">66.59, -35.67, 19.84</a>
CIElCh	<a href="#">67, 40.815, 150.914</a>
Yxy	<a href="#">36.0882, 0.2901, 0.4190</a>
Android (android.graphics.Color)	<a href="#">4284854909 (0xFF65B27D)</a>
YUV	<a href="#">148.9350, -11.8000, -42.0390</a>
Hunter-Lab	<a href="#">60.0734, -30.8774, 17.3274</a>

# Details

The Android color `4284854909` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4289881498`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4288408242`, and `4281302348` is the 20% darker color. If you saturate the color by 10%, you get `4283675249`, and if you desaturate by 10%, it is `4286034569`.

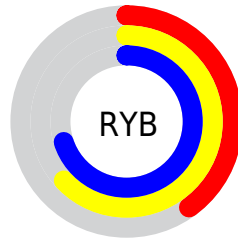
# Distribution



Red (40%)

Green (70%)

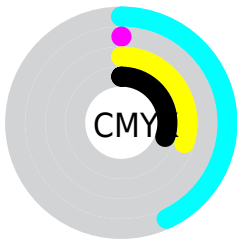
Blue (49%)



Red (40%)

Yellow (63%)

Blue (70%)

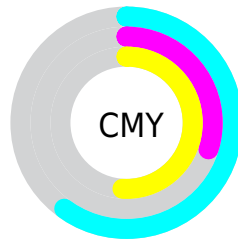


Cyan (43%)

Magenta (0%)

Yellow (30%)

Black (30%)



Cyan (60%)

Magenta (30%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284854909 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 4284854909 by changing the saturation by 10% instead.





4284854909



4284854909

4294967295



4283078500



4288408242



4281302348



4290248653



4279132981



4292149226



4278209311



4294049791



4278203144



4278198016



4278190080



4284854909



4284854909




4283675249



4286034569

 4282495588

 4287214230

 4281381464

 4288328354

 4280201804

 4289508014

 4279022144

 4290687674

 4278235703

 4291867335

 4293046995

 4294161119

 4294947563

# Harmonies

## Analogous

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



4287802209



4284854909



4280595874

# Triad

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



4284854909



4285244907



4293363838

# Complementary

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



4284854909



4289881498

# 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.



4293297570



4284854909



4289173729

# Square

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



4284854909



4278235105



4291922886



4292252515

# Rectangle

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



4284854909



4278236603



4291922886



4293494410



# Sweetspot

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



4284854909



4291487955



4288393829



4284708200



4294309365



4285887861



# Same Dimension

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



4284854909



4285524117



4284854947



4283455827



4278229296



4278196744



# Inverse Universe

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



4289881498



4293423042



4289881460



4284043350



4288217193



4279894034



# Previews

## White Background



This preview shows how the Android color 4284854909 looks on a white background.

## Color Contrast Check

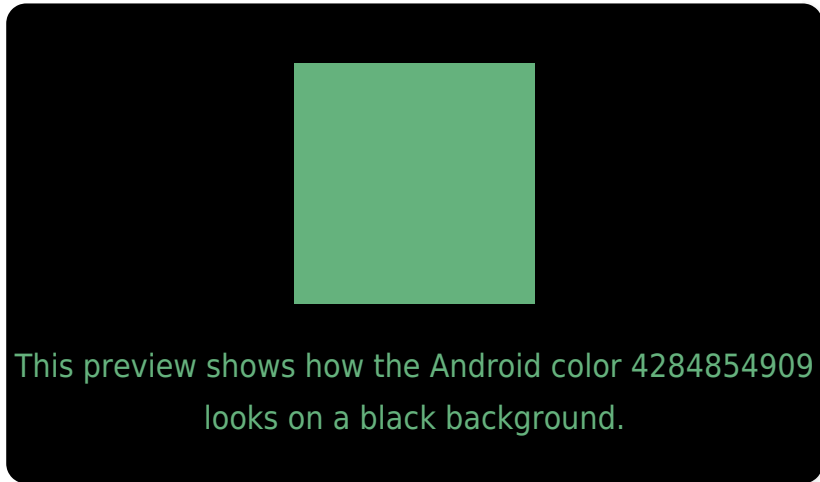
Large Text (above 18pt) WCAG AA × Fail

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

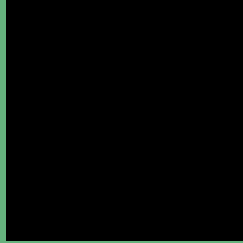
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284854909 Background



This preview shows how black text looks on a background with the Android color 4284854909.



This preview shows how white text looks on a background with the Android color 4284854909.

# 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**

4284854909



**Protanomaly**

4287866744



**Deuteranomaly**

4288455552



**Tritanomaly**

4285377955

# Monochromacy



**Original Color**

4284854909



**Achromatopsia**

4287993237



**Achromatomaly**

4286881932

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284854909 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(101, 178, 125)` looks like.

```
.text, #text, p{  
    color:rgb(101, 178, 125)  
}
```

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(101, 178, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 178, 125) }
```

## Border

The CSS property to change the border of an element to Android 4284854909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

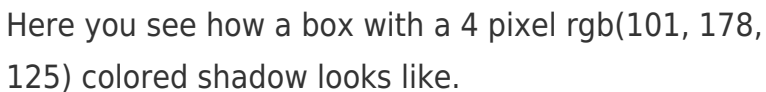
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 178, 125) }
```

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

```
.border{ border-color:rgb(101, 178, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(101, 178, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 178, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 178, 125);  
box-shadow:4px 4px 4px 4px rgb(101, 178,  
125) }
```

# Background

The CSS property to change the background color of an element to Android 4284854909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 178, 125) }
```

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

```
.background{ background-color: rgb(101,  
178, 125) }
```

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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