

# Converting Colors

Android(4285445748)

Have a look what the booklet for  
Android(4285445748) contains.

<b>Android(4285445748)</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(4285445748)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EB674
RGB	110, 182, 116
RGB Percent	43%, 71%, 45%
CMY	0.5686, 0.2863, 0.5451
CMYK	0.40, 0.00, 0.36, 0.29
HSL	125°, 33%, 57%
HSV	125°, 40%, 71%
XYZ	26.3107, 38.0318, 22.4772
YIQ	152.9480, -21.7260, -35.7900

# Conversions

## Conversions Part 2

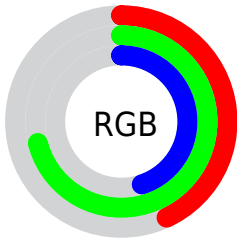
Format	Color
<a href="#">RYB</a>	<a href="#">110, 176, 182</a>
Decimal	<a href="#">7255668</a>
CIELab	<a href="#">68.04, -36.40, 26.70</a>
CIElCh	<a href="#">68, 45.141, 143.734</a>
Yxy	<a href="#">38.0318, 0.3031, 0.4381</a>
Android (android.graphics.Color)	<a href="#">4285445748 (0xFF6EB674)</a>
YUV	<a href="#">152.9480, -18.2154, -37.6654</a>
Hunter-Lab	<a href="#">61.6700, -31.7676, 21.5593</a>

# Details

The Android color `4285445748` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290145968`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4288999081`, and `4281958467` is the 20% darker color. If you saturate the color by 10%, you get `4284266083`, and if you desaturate by 10%, it is `4286625413`.

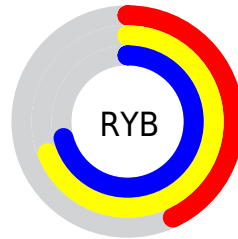
# Distribution



Red (43%)

Green (71%)

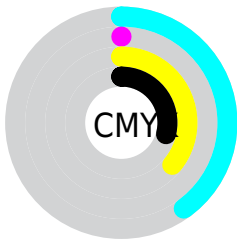
Blue (45%)



Red (43%)

Yellow (69%)

Blue (71%)

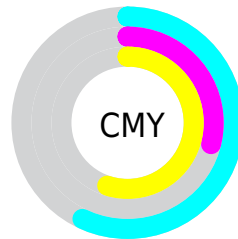


Cyan (40%)

Magenta (0%)

Yellow (36%)

Black (29%)



Cyan (57%)

Magenta (29%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285445748 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 4285445748 by changing the saturation by 10% instead.



 4285445748

 4285445748

4294967295

 4283669339

 4288999081

 4281958467

 4290838468

 4280051500

 4292739040

 4278210069

 4294639613

 4278204160

 4278199040

 4278190080

 4285445748


 4285445748

 4284266083

 4286625413

 4283086419

 4287805077

 4281841218

 4289050278

 4280661553

 4290229943

 4279481889

 4291409607

 4278302224

 4292589272

 4278236687

 4293768937

 4294948601

 4294948607

# Harmonies

## Analogous

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



4288589145



4285445748



4280531612

# Triad

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



4285445748



4283346422



4294150023

# Complementary

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



4285445748



4290145968

# 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.



4293756336



4285445748



4288454384

# Square

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



4285445748



4278236903



4291858391



4293169765

# Rectangle

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



4285445748



4278238136



4291858391



4294215061



# Sweetspot

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



4285445748



4291947987



4289771118



4284971112



4294440951



4286085240



# Same Dimension

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



4285445748



4286508423



4285445784



4283653203



4278230029



4278197250



# Inverse Universe

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



4290145968



4293754596



4290145932



4284240731



4288413839



4280025114



# Previews

## White Background



This preview shows how the Android color 4285445748 looks on a white background.

## Color Contrast Check

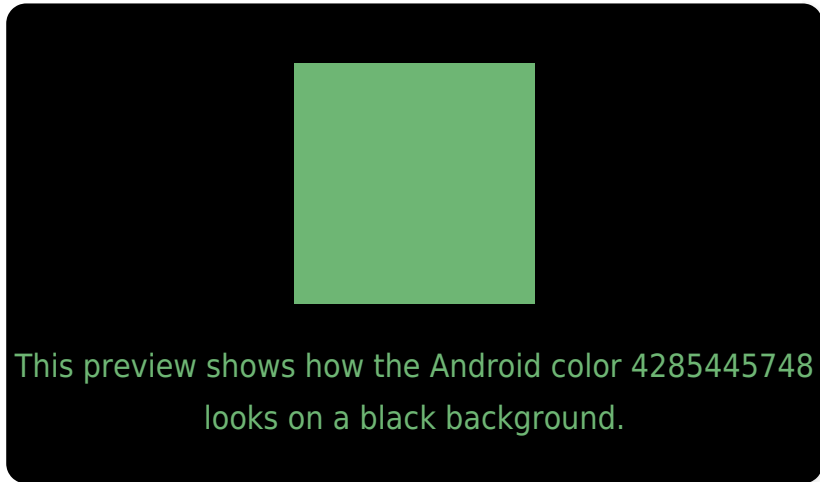
Large Text (above 18pt) WCAG AA × Fail

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 4285445748 Background



This preview shows how black text looks on a background with the Android color 4285445748.




This preview shows how white text looks on a background with the Android color 4285445748.

# 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





**Tritanopia**  
4286361019

# Trichromacy



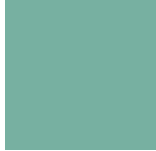
**Original Color**  
4285445748



**Protanomaly**  
4288326512



**Deuteranomaly**  
4288980855



**Tritanomaly**  
4286034081

# Monochromacy



**Original Color**  
4285445748



**Achromatopsia**  
4288256409



**Achromatomaly**  
4287210636

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285445748 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(110, 182, 116)` looks like.

```
.text, #text, p{  
    color:rgb(110, 182, 116)  
}
```

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(110, 182, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 182, 116) }
```

## Border

The CSS property to change the border of an element to Android 4285445748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

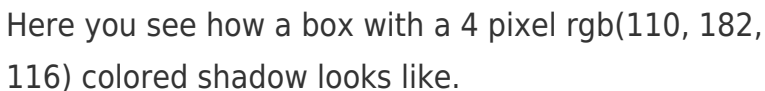
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 182, 116) }
```

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

```
.border{ border-color:rgb(110, 182, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 182, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 182, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 182, 116);  
box-shadow:4px 4px 4px 4px rgb(110, 182,  
116) }
```

# Background

The CSS property to change the background color of an element to Android 4285445748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 182, 116) }
```

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

```
.background{ background-color: rgb(110,  
182, 116) }
```

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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