

# Converting Colors

Android(4284724606)

Have a look what the booklet for  
Android(4284724606) contains.

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**Color**

**Android(4284724606)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63B57E
RGB	99, 181, 126
RGB Percent	39%, 71%, 49%
CMY	0.6118, 0.2902, 0.5059
CMYK	0.45, 0.00, 0.30, 0.29
HSL	140°, 36%, 55%
HSV	140°, 45%, 71%
XYZ	25.4354, 37.2068, 25.5797
YIQ	150.2120, -31.2170, -34.4890

# Conversions

## Conversions Part 2

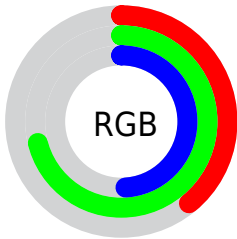
Format	Color
<a href="#">RYB</a>	<a href="#">99, 161, 181</a>
Decimal	<a href="#">6534526</a>
CIELab	<a href="#">67.43, -37.41, 20.44</a>
CIELCh	<a href="#">67, 42.632, 151.349</a>
Yxy	<a href="#">37.2068, 0.2883, 0.4217</a>
Android (android.graphics.Color)	<a href="#">4284724606 (0xFF63B57E)</a>
YUV	<a href="#">150.2120, -11.9365, -44.9129</a>
Hunter-Lab	<a href="#">60.9973, -32.3124, 17.8344</a>

# Details

The Android color `4284724606` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290077594`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4288343475`, and `4281106253` is the 20% darker color. If you saturate the color by 10%, you get `4283544946`, and if you desaturate by 10%, it is `4285904266`.

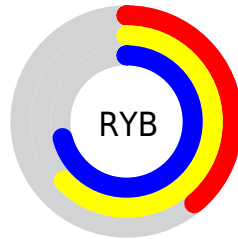
# Distribution



Red (39%)

Green (71%)

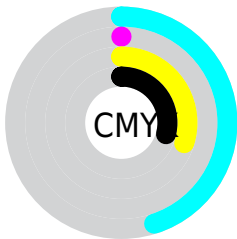
Blue (49%)



Red (39%)

Yellow (63%)

Blue (71%)

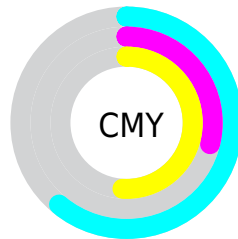


Cyan (45%)

Magenta (0%)

Yellow (30%)

Black (29%)



Cyan (61%)

Magenta (29%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284724606 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 4284724606 by changing the saturation by 10% instead.





4284724606



4284724606

4294967295



4282948197



4288343475



4281106253



4290183119



4278543925



4292018155



4278209823



4293918719



4278203657



4278198528



4278190080



4284724606



4284724606




4283544946



4285904266

 4282365286

 4287083926

 4281185626

 4288263586


 4280005965

 4289443247

 4278826305

 4290688443

 4278236476

 4291868103

 4293047763

 4294227423

 4294948331

# Harmonies

## Analogous

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



4287868513



4284724606



4279482533

# Triad

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



4284724606



4285180145



4293691774

# Complementary

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



4284724606



4290077594

# 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.



4293625252



4284724606



4289370854

# Square

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



4284724606



4278235879



4292250826



4292515169

# Rectangle

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



4284724606



4278237375



4292250826



4293822346



# Sweetspot

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



4284724606



4291488725



4288394595



4284577128



4294309365



4285887861



# Same Dimension

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



4284724606



4285328278



4284724646



4283455827



4278229298



4278196744



# Inverse Universe

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



4290077594



4293618881



4290077554



4284043350



4288217191



4279894033



# Previews

## White Background



This preview shows how the Android color 4284724606 looks on a white background.

## Color Contrast Check

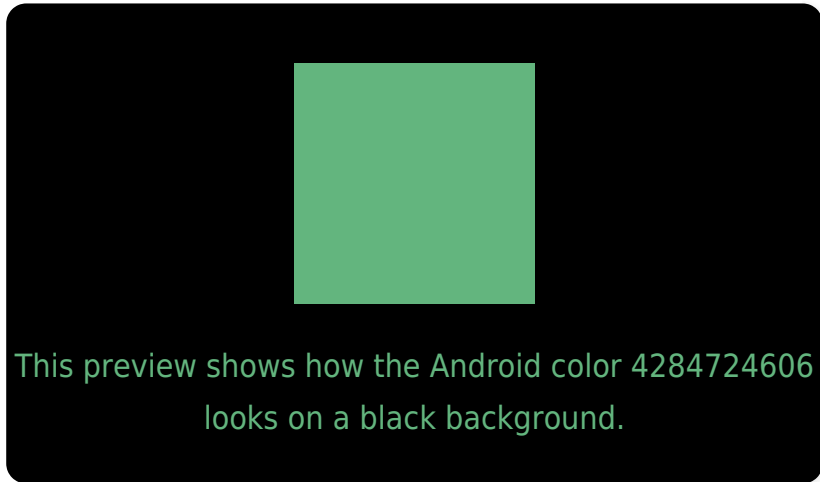
Large Text (above 18pt) WCAG AA × Fail

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 4284724606 Background



This preview shows how black text looks on a background with the Android color 4284724606.



This preview shows how white text looks on a background with the Android color 4284724606.

# 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**  
4284724606

**Protanopia**  
4289766262

**Deuteranopia**  
4290682243



# Trichromacy



**Original Color**

4284724606



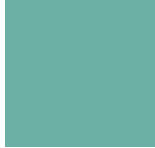
**Protanomaly**

4287933049



**Deuteranomaly**

4288521857



**Tritanomaly**

4285313189

# Monochromacy



**Original Color**

4284724606



**Achromatopsia**

4288059030



**Achromatomaly**

4286816653

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284724606 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(99, 181, 126)` looks like.

```
.text, #text, p{  
    color:rgb(99, 181, 126)  
}
```

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(99, 181, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 181, 126) }
```

## Border

The CSS property to change the border of an element to Android 4284724606 is called "border". The border property can be set on classes, ids or directly on the HTML element.

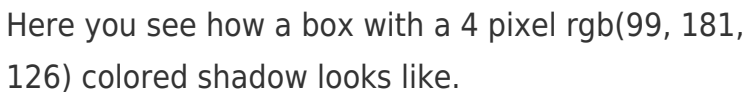
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 181, 126) }
```

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

```
.border{ border-color:rgb(99, 181, 126) }
```

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



Here you see how a box with a 4 pixel rgb(99, 181, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 181, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 181, 126);  
box-shadow:4px 4px 4px 4px rgb(99, 181,  
126) }
```

# Background

The CSS property to change the background color of an element to Android 4284724606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 181, 126) }
```

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

```
.background{ background-color: rgb(99, 181,  
126) }
```

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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