

# Converting Colors

Android(4284855177)

Have a look what the booklet for  
Android(4284855177) contains.

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**Color**

**Android(4284855177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65B389
RGB	101, 179, 137
RGB Percent	40%, 70%, 54%
CMY	0.6039, 0.2980, 0.4627
CMYK	0.44, 0.00, 0.23, 0.30
HSL	148°, 34%, 55%
HSV	148°, 44%, 70%
XYZ	26.0023, 36.8130, 29.4021
YIQ	150.8900, -33.0060, -29.5980

# Conversions

## Conversions Part 2

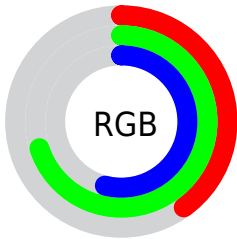
Format	Color
<a href="#">RYB</a>	<a href="#">101, 154, 179</a>
Decimal	<a href="#">6665097</a>
CIELab	<a href="#">67.14, -33.76, 14.07</a>
CIELCh	<a href="#">67, 36.576, 157.381</a>
Yxy	<a href="#">36.8130, 0.2820, 0.3992</a>
Android (android.graphics.Color)	<a href="#">4284855177 (0xFF65B389)</a>
YUV	<a href="#">150.8900, -6.8478, -43.7535</a>
Hunter-Lab	<a href="#">60.6738, -29.6813, 13.7401</a>

# Details

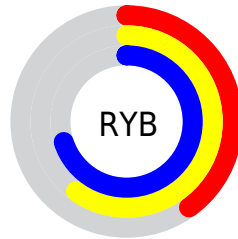
The Android color `4284855177` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4289947023`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4288408510`, and `4281302615` is the 20% darker color. If you saturate the color by 10%, you get `4283675519`, and if you desaturate by 10%, it is `4286034835`.

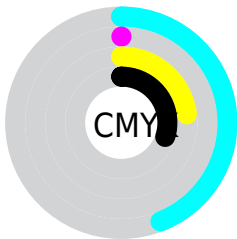
# Distribution



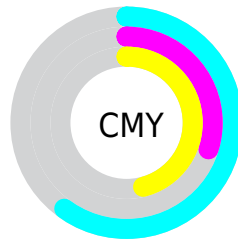
- Red (40%)
- Green (70%)
- Blue (54%)



- Red (40%)
- Yellow (60%)
- Blue (70%)



- Cyan (44%)
- Magenta (0%)
- Yellow (23%)
- Black (30%)



- Cyan (60%)
- Magenta (30%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284855177 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 4284855177 by changing the saturation by 10% instead.





4284855177



4284855177

4294967295



4283078768



4288408510



4281302615



4290248666



4279067712



4292149239



4278209577



4294049791



4278203413



4278198272



4278190080



4284855177



4284855177



4283675519



4286034835

 4282495862

 4287214492

 4281316204

 4288394150


 4280136546

 4289573808

 4279022425

 4290753465

 4278235987

 4291867587

 4293047244

 4294226902

 4294947808

# Harmonies

## Analogous

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



4287540590



4284855177



4281775531

# Triad

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



4284855177



4286686436



4292906621

# Complementary

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



4284855177



4289947023

# 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.



4293102236



4284855177



4289894616

# Square

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



4284855177



4282887903



4292119997



4291729767

# Rectangle

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



4284855177



4279678145



4292119997



4293102727



# Sweetspot

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



4284855177



4291487960



4287673189



4284708203



4294309365



4285887861



# Same Dimension

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



4284855177



4285524135



4284855215



4283455828



4278229319



4278196748



# Inverse Universe

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



4289947023



4293423024



4289946985



4284043349



4288217170



4279894030



# Previews

## White Background



This preview shows how the Android color 4284855177 looks on a white background.

## Color Contrast Check

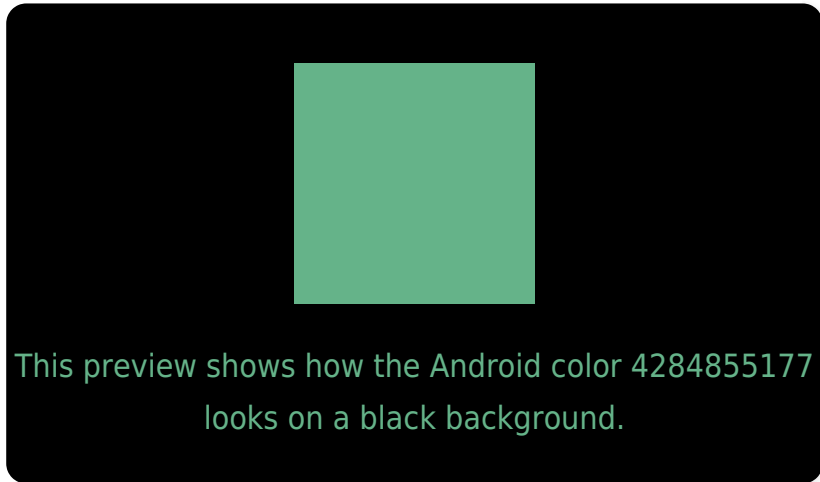
Large Text (above 18pt) WCAG AA × Fail

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 4284855177 Background



This preview shows how black text looks on a background with the Android color 4284855177.

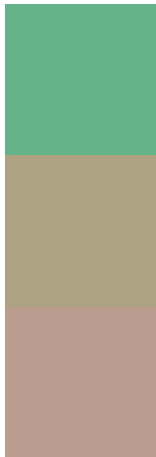


This preview shows how white text looks on a background with the Android color 4284855177.

# 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**  
4284855177

**Protanopia**  
4289569409

**Deuteranopia**  
4290420110



# Trichromacy



**Original Color**

4284855177



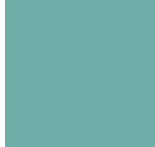
**Protanomaly**

4287867012



**Deuteranomaly**

4288390540



**Tritanomaly**

4285378472

# Monochromacy



**Original Color**

4284855177



**Achromatopsia**

4288124823



**Achromatomaly**

4286947730

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284855177 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, 179, 137)` looks like.

```
.text, #text, p{  
    color:rgb(101, 179, 137)  
}
```

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, 179, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 179, 137) }
```

## Border

The CSS property to change the border of an element to Android 4284855177 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, 179, 137) }
```

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

```
.border{ border-color:rgb(101, 179, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 179, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 179, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 179, 137);  
box-shadow:4px 4px 4px 4px rgb(101, 179,  
137) }
```

# Background

The CSS property to change the background color of an element to Android 4284855177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 179, 137) }
```

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

```
.background{ background-color: rgb(101,  
179, 137) }
```

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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