

# Converting Colors

Android(4285907355)

Have a look what the booklet for  
Android(4285907355) contains.

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# **Color**

**Android(4285907355)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75C19B
RGB	117, 193, 155
RGB Percent	46%, 76%, 61%
CMY	0.5412, 0.2431, 0.3922
CMYK	0.39, 0.00, 0.20, 0.24
HSL	150°, 38%, 61%
HSV	150°, 39%, 76%
XYZ	32.3225, 44.2884, 37.8553
YIQ	165.9440, -33.0980, -27.9300

# Conversions

## Conversions Part 2

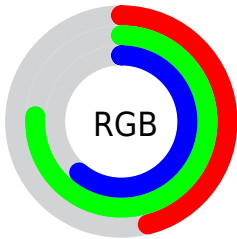
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 168, 193
Decimal	7717275
CIELab	72.42, -32.12, 11.82
CIELCh	72, 34.229, 159.803
Yxy	44.2884, 0.2824, 0.3869
Android (android.graphics.Color)	4285907355 (0xFF75C19B)
YUV	165.9440, -5.3954, -42.9239
Hunter-Lab	66.5495, -29.7659, 12.8588

# Details

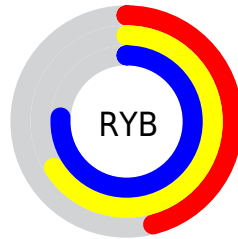
The Android color `4285907355` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4290868635`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4289526481`, and `4282420072` is the 20% darker color. If you saturate the color by 10%, you get `4284662161`, and if you desaturate by 10%, it is `4287152549`.

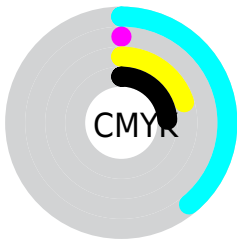
# Distribution



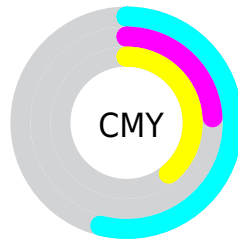
- Red (46%)
- Green (76%)
- Blue (61%)



- Red (46%)
- Yellow (66%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (54%)
- Magenta (24%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285907355 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 4285907355 by changing the saturation by 10% instead.





4285907355



4285907355

4294967295



4284130945



4289526481



4282420072



4291362798



4280512848



4293263359



4278212665



4278206499



4278200846



4278194176



4278190080



4285907355



4285907355

 4284662161

 4287152549

 4283351432

 4288463278

 4282106238

 4289708472

 4280861044

 4290953666

 4279615851

 4292198859

 4278305121

 4293509589

 4278239585

 4294754783

 4294951400

 4294951410

# Harmonies

## Analogous

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



4288330881



4285907355



4283548603

# Triad

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



4285907355



4288131567



4293631883

# Complementary

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



4285907355



4290868635

# 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.



4293892776



4285907355



4291012322

# Square

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



4285907355



4284922860



4293041608



4292454519

# Rectangle

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



4285907355



4282696400



4293041608



4293893268



# Sweetspot

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



4285907355



4292672235



4288397685



4285234548



4294769916



4286414205



# Same Dimension

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



4285907355



4286905023



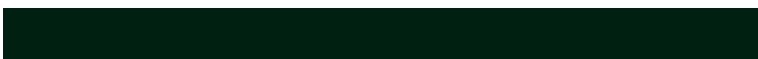
4285907393



4283916636



4278231376



4278198545



# Inverse Universe

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



4290868635



4294608063



4290868597



4284569436



4288741456



4280352785



# Previews

## White Background



This preview shows how the Android color 4285907355 looks on a white background.

## Color Contrast Check

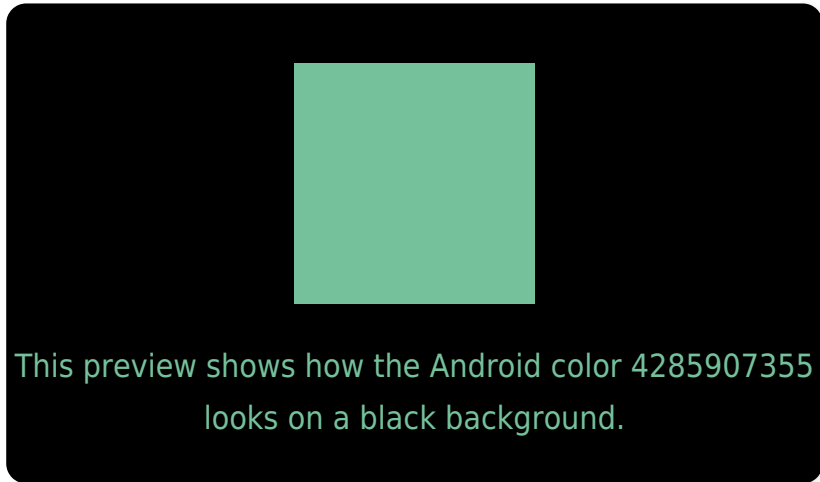
Large Text (above 18pt) WCAG AA × Fail

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 4285907355 Background



This preview shows how black text looks on a background with the Android color 4285907355.

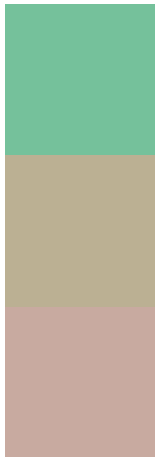


This preview shows how white text looks on a background with the Android color 4285907355.

# 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**  
4285907355

**Protanopia**  
4290490515

**Deuteranopia**  
4291340960



# Trichromacy



**Original Color**

4285907355



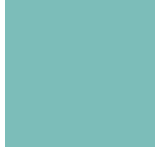
**Protanomaly**

4288853654



**Deuteranomaly**

4289376926



**Tritanomaly**

4286365113

# Monochromacy



**Original Color**

4285907355



**Achromatopsia**

4289111718



**Achromatomaly**

4287934626

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285907355 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(117, 193, 155)` looks like.

```
.text, #text, p{  
    color:rgb(117, 193, 155)  
}
```

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(117, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 193, 155) }
```

## Border

The CSS property to change the border of an element to Android 4285907355 is called "border". The border property can be set on classes, ids or directly on the HTML element.

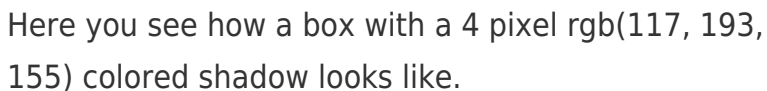
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 193, 155) }
```

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

```
.border{ border-color:rgb(117, 193, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 193, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 193, 155); box-shadow:4px 4px 4px 4px rgb(117, 193, 155) }
```

# Background

The CSS property to change the background color of an element to Android 4285907355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 193, 155) }
```

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

```
.background{ background-color: rgb(117,  
193, 155) }
```

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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