

# Converting Colors

Android(4285776768)

Have a look what the booklet for  
Android(4285776768) contains.

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# **Color**

**Android(4285776768)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73C380
RGB	115, 195, 128
RGB Percent	45%, 76%, 50%
CMY	0.5490, 0.2353, 0.4980
CMYK	0.41, 0.00, 0.34, 0.24
HSL	130°, 40%, 61%
HSV	130°, 41%, 76%
XYZ	30.4816, 44.2336, 27.3535
YIQ	163.4420, -26.1730, -37.7970

# Conversions

## Conversions Part 2

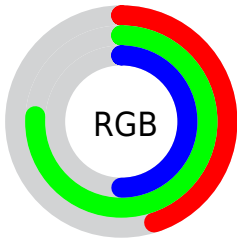
Format	Color
<a href="#">RYB</a>	<a href="#">115, 184, 195</a>
Decimal	<a href="#">7586688</a>
CIELab	<a href="#">72.38, -38.72, 26.19</a>
CIElCh	<a href="#">72, 46.748, 145.927</a>
Yxy	<a href="#">44.2336, 0.2986, 0.4334</a>
Android (android.graphics.Color)	<a href="#">4285776768</a> <a href="#">(0xFF73C380)</a>
YUV	<a href="#">163.4420, -17.4729, -42.4836</a>
Hunter-Lab	<a href="#">66.5083, -34.5807, 22.1711</a>

# Details

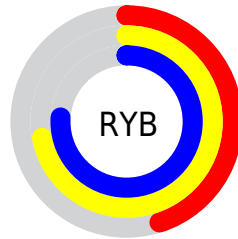
The Android color `4285776768` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4290999222`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4289395893`, and `4282223950` is the 20% darker color. If you saturate the color by 10%, you get `4284531568`, and if you desaturate by 10%, it is `4287021968`.

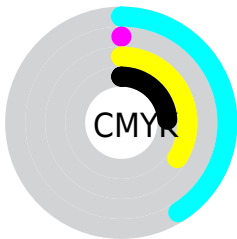
# Distribution



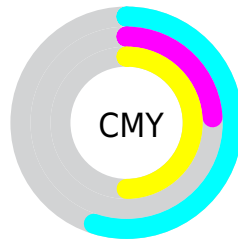
- Red (45%)
- Green (76%)
- Blue (50%)



- Red (45%)
- Yellow (72%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285776768 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 4285776768 by changing the saturation by 10% instead.



 4285776768


 4285776768

4294967295

 4284000103

 4289395893

 4282223950

 4291231697

 4280251190

 4293132269

 4278213152

 4278206729

 4278201088

 4278193920

 4278190080

 4285776768

 4285776768

 4284531568

 4287021968

 4283220831

 4288332705

 4281975631

 4289643441

 4280664895

 4290888641

 4279419694

 4292199378

 4278240032

 4293444578

 4294755314

 4294951935

# Harmonies

## Analogous

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



4289116770



4285776768



4280469418

# Triad

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



4285776768



4284397823



4294939022

# Complementary

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



4285776768



4290999222

# 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.



4294873017



4285776768



4289505790

# Square

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



4285776768



4278239991



4292975074



4294024812

# Rectangle

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



4285776768



4278241480



4292975074



4294938524

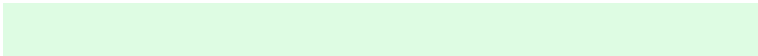


# Sweetspot

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



4285776768



4292803811



4290233203



4285431921



4278190080



4286611584



# Same Dimension

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



4285776768



4286708885



4285776807



4283916633



4278231322



4278198533



# Inverse Universe

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



4290999222



4294738408



4290999183



4284569439



4288741511



4280352796



# Previews

## White Background



This preview shows how the Android color 4285776768 looks on a white background.

## Color Contrast Check

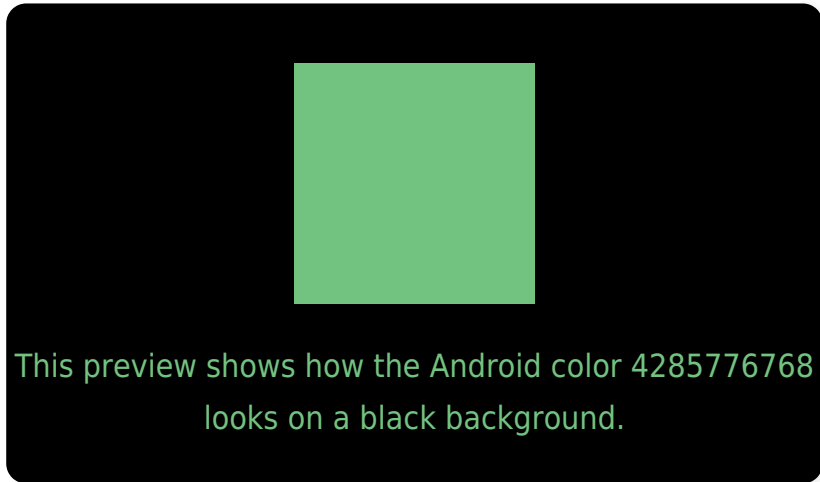
Large Text (above 18pt) WCAG AA × Fail

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

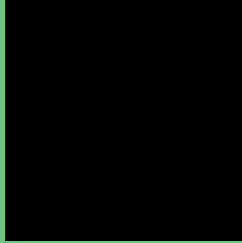
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4285776768 Background



This preview shows how black text looks on a background with the Android color 4285776768.



This preview shows how white text looks on a background with the Android color 4285776768.

# 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**

4285776768



**Protanomaly**

4288919419



**Deuteranomaly**

4289639044



**Tritanomaly**

4286430638

# Monochromacy



**Original Color**

4285776768



**Achromatopsia**

4288914339



**Achromatomaly**

4287803286

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285776768 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(115, 195, 128)` looks like.

```
.text, #text, p{  
    color:rgb(115, 195, 128)  
}
```

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(115, 195, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 195, 128) }
```

## Border

The CSS property to change the border of an element to Android 4285776768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

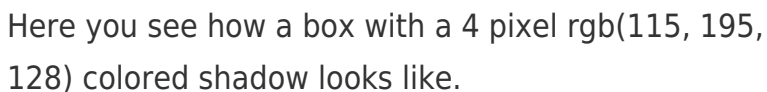
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 195, 128) }
```

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

```
.border{ border-color:rgb(115, 195, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 195, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 195, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 195, 128); box-shadow:4px 4px 4px 4px rgb(115, 195, 128) }
```

# Background

The CSS property to change the background color of an element to Android 4285776768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 195, 128) }
```

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

```
.background{ background-color: rgb(115,  
195, 128) }
```

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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