

Converting Colors

Android(4285971583)

Have a look what the booklet for
Android(4285971583) contains.

| | |
|--|----|
| Android(4285971583) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4285971583)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 76BC7F |
| RGB | 118, 188, 127 |
| RGB Percent | 46%, 74%, 50% |
| CMY | 0.5373, 0.2627, 0.5020 |
| CMYK | 0.37, 0.00, 0.32, 0.26 |
| HSL | 128°, 34%, 60% |
| HSV | 128°, 37%, 74% |
| XYZ | 29.2852, 41.3503, 26.5166 |
| YIQ | 160.1160, -22.1390, -33.8110 |

Conversions

Conversions Part 2

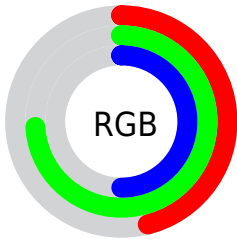
| Format | Color |
|-------------------------------------|--|
| RYB | 118, 180, 188 |
| Decimal | 7781503 |
| CIELab | 70.42, -34.80, 24.10 |
| CIELCh | 70, 42.330, 145.288 |
| Yxy | 41.3503, 0.3014, 0.4256 |
| Android (android.graphics.Color) | 4285971583 (0xFF76BC7F) |
| YUV | 160.1160, -16.3262, -36.9357 |
| Hunter-Lab | 64.3042, -31.2405, 20.5640 |

Details

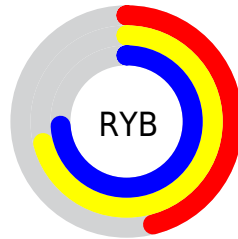
The Android color **4285971583** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **4290541235**, and the grayscale version is **4288716960**.

A 20% lighter version of the original color is **4289590708**, and **4282484301** is the 20% darker color. If you saturate the color by 10%, you get **4284726383**, and if you desaturate by 10%, it is **4287216783**.

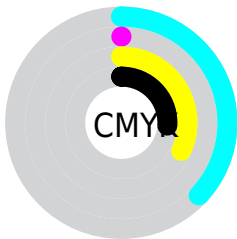
Distribution



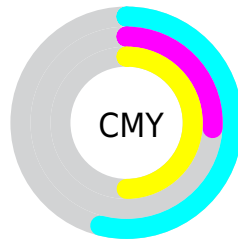
- Red (46%)
- Green (74%)
- Blue (50%)



- Red (46%)
- Yellow (71%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (32%)
- Black (26%)



- Cyan (54%)
- Magenta (26%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285971583 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 4285971583 by changing the saturation by 10% instead.

 4285971583

 4285971583

4294967295

 4284260710

 4289590708

 4282484301

 4291428304

 4280708150

 4293263340

 4278408223

 4278205449

 4278199808

 4278190848

 4278190080

 4285971583

 4285971583

 4284726383

 4287216783

 4283481182

 4288461984

 4282301518

 4289641648

 4281056317

 4290886849

 4279811117

 4292132049

 4278565917

 4293377249

 4278238232

 4294622450

 4294950143

Harmonies

Analogous

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



4288984165



4285971583



4282106021

Triad

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



4285971583



4284789496



4294348941

Complementary

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



4285971583



4290541235

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.



4294020788



4285971583



4289177074

Square

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



4285971583



4278238187



4292318937



4293368430

Rectangle

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



4285971583



4278239423



4292318937



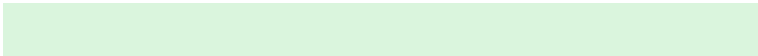
4294413978

Sweetspot

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



4285971583



4292539869



4290034806



4285168237



4294638330



4286216826

Same Dimension

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



4285971583



4287100309



4285971617



4283784790



4278230548



4278198020

Inverse Universe

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



4290541235



4294281191



4290541201



4284372317



4288544906



4280221723

Previews

White Background



This preview shows how the Android color 4285971583 looks on a white background.

Color Contrast Check

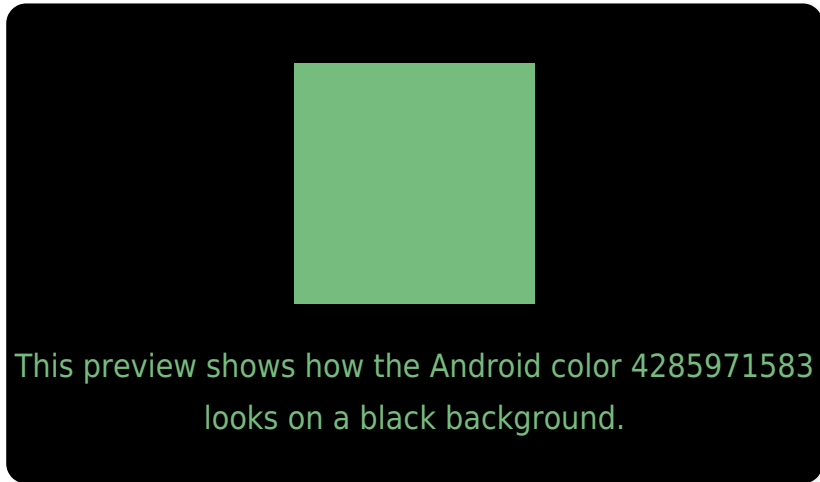
Large Text (above 18pt) WCAG AA × Fail

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

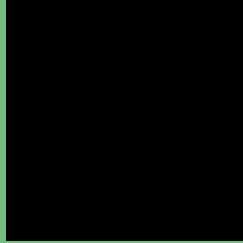
Any Text WCAG AA ✓ Pass

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 4285971583 Background



This preview shows how black text looks on a background with the Android color 4285971583.



This preview shows how white text looks on a background with the Android color 4285971583.

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

4285971583



Protanomaly

4288786811



Deuteranomaly

4289441154



Tritanomaly

4286494634

Monochromacy



Original Color

4285971583



Achromatopsia

4288716960



Achromatomaly

4287736468

CSS Examples

Text

The CSS property to change the color of the text to Android 4285971583 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(118, 188, 127)` looks like.

```
.text, #text, p{  
    color:rgb(118, 188, 127)  
}
```

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(118, 188, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 188, 127) }
```

Border

The CSS property to change the border of an element to Android 4285971583 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(118, 188, 127) }
```

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

```
.border{ border-color:rgb(118, 188, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 188, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 188, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 188, 127);  
box-shadow:4px 4px 4px 4px rgb(118, 188,  
127) }
```

Background

The CSS property to change the background color of an element to Android 4285971583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 188, 127) }
```

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

```
.background{ background-color: rgb(118,  
188, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor