

# Converting Colors

Android(4285575575)

Have a look what the booklet for  
Android(4285575575) contains.

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# **Color**

**Android(4285575575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70B197
RGB	112, 177, 151
RGB Percent	44%, 69%, 59%
CMY	0.5608, 0.3059, 0.4078
CMYK	0.37, 0.00, 0.15, 0.31
HSL	156°, 29%, 57%
HSV	156°, 37%, 69%
XYZ	27.9901, 37.1234, 34.9685
YIQ	154.6010, -30.3940, -21.8660

# Conversions

## Conversions Part 2

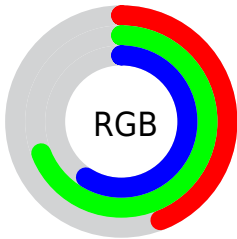
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 153, 177</a>
Decimal	<a href="#">7385495</a>
CIELab	<a href="#">67.37, -26.70, 6.78</a>
CIELCh	<a href="#">67, 27.545, 165.755</a>
Yxy	<a href="#">37.1234, 0.2797, 0.3709</a>
Android (android.graphics.Color)	<a href="#">4285575575 (0xFF70B197)</a>
YUV	<a href="#">154.6010, -1.7753, -37.3611</a>
Hunter-Lab	<a href="#">60.9290, -24.6246, 8.6225</a>

# Details

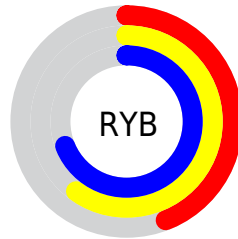
The Android color `4285575575` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4289818762`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4289128909`, and `4282154084` is the 20% darker color. If you saturate the color by 10%, you get `4284395920`, and if you desaturate by 10%, it is `4286755230`.

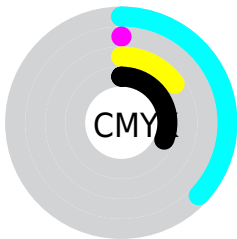
# Distribution



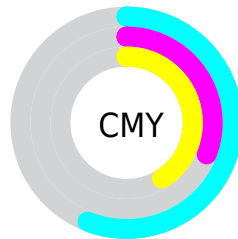
- Red (44%)
- Green (69%)
- Blue (59%)



- Red (44%)
- Yellow (60%)
- Blue (69%)



- Cyan (37%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)



- Cyan (56%)
- Magenta (31%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color #4285575575 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 #4285575575 by changing the saturation by 10% instead.





4285575575



4285575575

4294967295



4283864701



4289128909



4282154084



4290969577



4280378188



4292804607



4278209334



4294705151



4278203168



4278198281



4278190080



4285575575



4285575575



4284395920



4286755230

 4283281801

 4287869349

 4282102146

 4289049004

 4280922491

 4290228659

 4279742836

 4291408314

 4278628717

 4292522433

 4278235498

 4293702089

 4294881744

 4294947287

# Harmonies

## Analogous

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



4287409537



4285575575



4284134065

# Triad

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



4285575575



4288127700



4291925890

# Complementary

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



4285575575



4289818762

# 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.



4292252312



4285575575



4290288071

# Square

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



4285575575



4285835988



4291728305



4290813556

# Rectangle

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



4285575575



4283937216



4291728305



4292121992

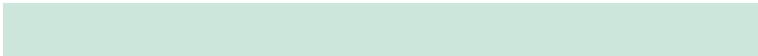


# Sweetspot

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



4285575575



4291618523



4287279472



4284773229



4294111986



4285756275



# Same Dimension

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



4285575575



4286703293



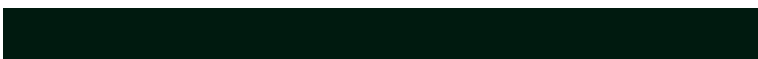
4285573809



4283455830



4278229340



4278196751



# Inverse Universe

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



4289818762



4293296553



4289820272



4284043348



4288217149



4279894026



# Previews

## White Background



This preview shows how the Android color 4285575575 looks on a white background.

## Color Contrast Check

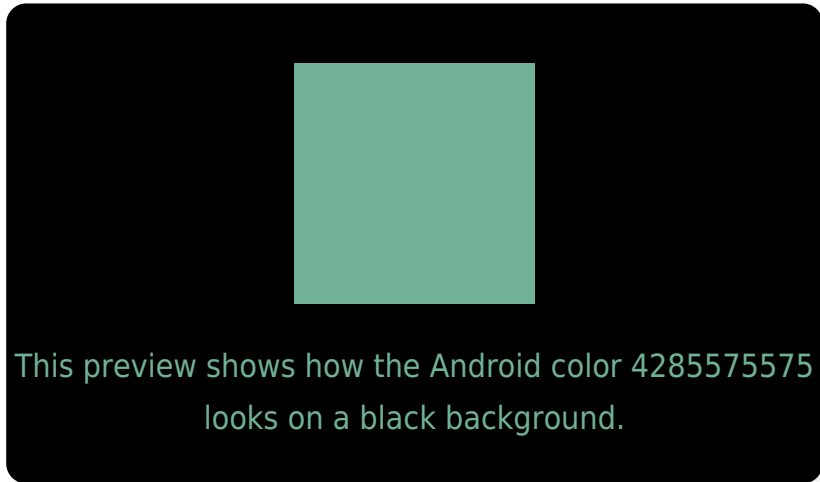
Large Text (above 18pt) WCAG AA × Fail

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

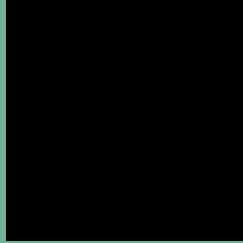
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4285575575 Background



This preview shows how black text looks on a background with the Android color 4285575575.



This preview shows how white text looks on a background with the Android color 4285575575.

# 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**  
4285575575

**Protanomaly**  
4288063635

**Deuteranomaly**  
4288521626

**Tritanomaly**  
4285902509

# Monochromacy



**Original Color**  
4285575575

**Achromatopsia**  
4288387995

**Achromatomaly**  
4287341466

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285575575 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(112, 177, 151)` looks like.

```
.text, #text, p{  
    color:rgb(112, 177, 151)  
}
```

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(112, 177, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 177, 151) }
```

## Border

The CSS property to change the border of an element to Android 4285575575 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(112, 177, 151) }
```

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

```
.border{ border-color:rgb(112, 177, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 177, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 177, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 177, 151);  
box-shadow:4px 4px 4px 4px rgb(112, 177,  
151) }
```

# Background

The CSS property to change the background color of an element to Android 4285575575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 177, 151) }
```

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

```
.background{ background-color: rgb(112,  
177, 151) }
```

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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