

# Converting Colors

Android(4280017799)

Have a look what the booklet for  
Android(4280017799) contains.

<b>Android(4280017799)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4280017799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BE387
RGB	27, 227, 135
RGB Percent	11%, 89%, 53%
CMY	0.8941, 0.1098, 0.4706
CMYK	0.88, 0.00, 0.41, 0.11
HSL	152°, 79%, 50%
HSV	152°, 88%, 89%
XYZ	32.2943, 56.9205, 32.2063
YIQ	156.7120, -89.6680, -71.0120

# Conversions

## Conversions Part 2

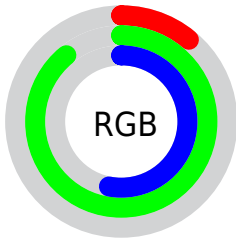
Format	Color
<a href="#">RYB</a>	<a href="#">27, 157, 227</a>
Decimal	<a href="#">1827719</a>
CIELab	<a href="#">80.13, -65.48, 32.49</a>
CIELCh	<a href="#">80, 73.095, 153.607</a>
Yxy	<a href="#">56.9205, 0.2660, 0.4688</a>
Android (android.graphics.Color)	<a href="#">4280017799 (0xFF1BE387)</a>
YUV	<a href="#">156.7120, -10.7040, -113.7574</a>
Hunter-Lab	<a href="#">75.4456, -55.6236, 27.5022</a>

# Details

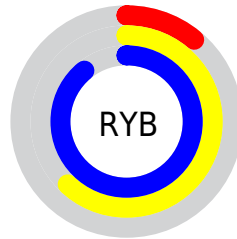
The Android color `4280017799` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4293073783`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4285726653`, and `4278233684` is the 20% darker color. If you saturate the color by 10%, you get `4278510461`, and if you desaturate by 10%, it is `4281525137`.

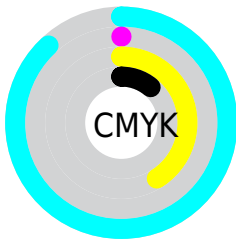
# Distribution



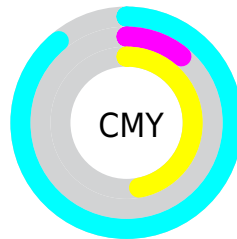
- Red (11%)
- Green (89%)
- Blue (53%)



- Red (11%)
- Yellow (62%)
- Blue (89%)



- Cyan (88%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280017799 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 4280017799 by changing the saturation by 10% instead.



 4280017799

 4280017799

4294967295

 4278240877

 4285726653

 4278233684

 4287823833

 4278226748

 4289921014

 4278219812

 4291952639

 4278213130

 4294049791

 4278206464

 4278200320

 4278190336

 4278190080

■ 4280017799

■ 4280017799

■ 4278510461

■ 4281525137

■ 4278248315

■ 4282966940

■ 4284474278

■ 4285981617

■ 4287423419

■ 4288930758

■ 4290438096

■ 4291945435

■ 4293387237

# Harmonies

## Analogous

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



4288534604



4280017799



4278249421

# Triad

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



4280017799



4280339711



4294939263

# Complementary

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



4280017799



4293073783

# 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.



4294936257



4280017799



4292063743

# Square

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



4280017799



4278247167



4294939903



4294946121

# Rectangle

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



4280017799



4278249467



4294939903



4294937748

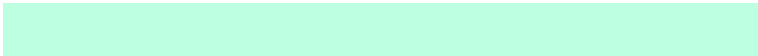


# Sweetspot

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



4280017799



4290641889



4286112539



4283990125



4278190080



4286611584



# Same Dimension

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



4280017799



4278255498



4280016099



4284969837



4278236000



4278203164



# Inverse Universe

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



4293073783



4294901877



4293075483



4285753197



4289921106

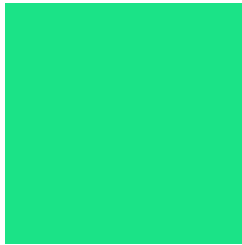


4281532439



# Previews

## White Background



This preview shows how the Android color 4280017799 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



This preview shows how the Android color 4280017799 looks on a 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 4280017799 Background



This preview shows how black text looks on a background with the Android color 4280017799.



This preview shows how white text looks on a background with the Android color 4280017799.

# 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**

4280017799



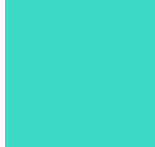
**Protanomaly**

4287877247



**Deuteranomaly**

4288596877



**Tritanomaly**

4282506181

# Monochromacy



**Original Color**

4280017799



**Achromatopsia**

4288519581



**Achromatomaly**

4285445781

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280017799 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(27, 227, 135)` looks like.

```
.text, #text, p{  
    color:rgb(27, 227, 135)  
}
```

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(27, 227, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 227, 135) }
```

## Border

The CSS property to change the border of an element to Android 4280017799 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(27, 227, 135) }
```

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

```
.border{ border-color:rgb(27, 227, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 227, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 227, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 227, 135);  
box-shadow:4px 4px 4px 4px rgb(27, 227,  
135) }
```

# Background

The CSS property to change the background color of an element to Android 4280017799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 227, 135) }
```

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

```
.background{ background-color: rgb(27, 227,  
135) }
```

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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