

Converting Colors

Android(4280795503)

Have a look what the booklet for
Android(4280795503) contains.

Android(4280795503)	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(4280795503)

Conversions

Conversions Part 1

Format	Color
Hex	27C16F
RGB	39, 193, 111
RGB Percent	15%, 76%, 44%
CMY	0.8471, 0.2431, 0.5647
CMYK	0.80, 0.00, 0.42, 0.24
HSL	148°, 66%, 45%
HSV	148°, 80%, 76%
XYZ	22.7759, 39.7190, 21.5050
YIQ	137.6060, -65.4620, -58.1500

Conversions

Conversions Part 2

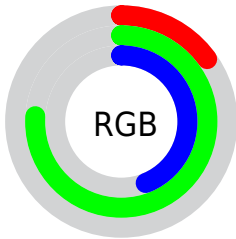
Format	Color
RYB	39, 144, 193
Decimal	2605423
CIELab	69.27, -56.98, 30.54
CIELCh	69, 64.646, 151.806
Yxy	39.7190, 0.2711, 0.4728
Android (android.graphics.Color)	4280795503 (0xFF27C16F)
YUV	137.6060, -13.1168, -86.4775
Hunter-Lab	63.0230, -45.7820, 23.8848

Details

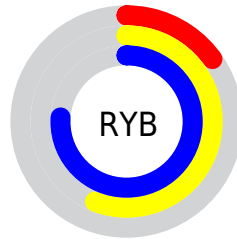
The Android color `4280795503` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4290848633`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4285463460`, and `4278225470` is the 20% darker color. If you saturate the color by 10%, you get `4279550309`, and if you desaturate by 10%, it is `4282040697`.

Distribution



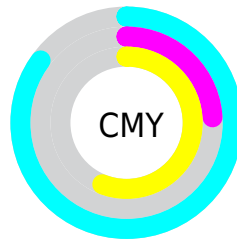
- Red (15%)
- Green (76%)
- Blue (44%)



- Red (15%)
- Yellow (56%)
- Blue (76%)



- Cyan (80%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (85%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280795503 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 4280795503 by changing the saturation by 10% instead.

 4280795503

 4280795503

4294967295

 4278232406

 4285463460

 4278225470

 4287496127

 4278218790

 4289462235

 4278212110

 4291428344

 4278205696

 4293394431

 4278199808

 4278190080

 4280795503

 4280795503

 4279550309

 4282040697

 4278239578

 4283351428

 4284596622

 4285841816

 4287152546

 4288397741

 4289642935

 4290888129

 4292198859

Harmonies

Analogous

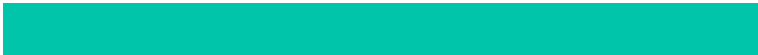
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287215421



4280795503



4278240683

Triad

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



4280795503



4278235135



4294933359

Complementary

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



4280795503



4290848633

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.



4294931112



4280795503



4289698047

Square

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



4280795503



4278238719



4294148065



4294152512

Rectangle

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



4280795503



4278240723



4294148065



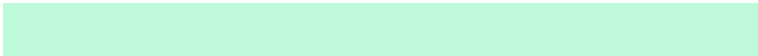
4294932097

Sweetspot

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



4280795503



4290706138



4286169383



4284054890



4294769916



4286414205

Same Dimension

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



4280795503



4278909562



4280795580



4283916636



4278231371



4278198543

Inverse Universe

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



4290848633



4294576778



4290848556



4284569436



4288741462



4280352786

Previews

White Background



This preview shows how the Android color 4280795503 looks on a white background.

Color Contrast Check

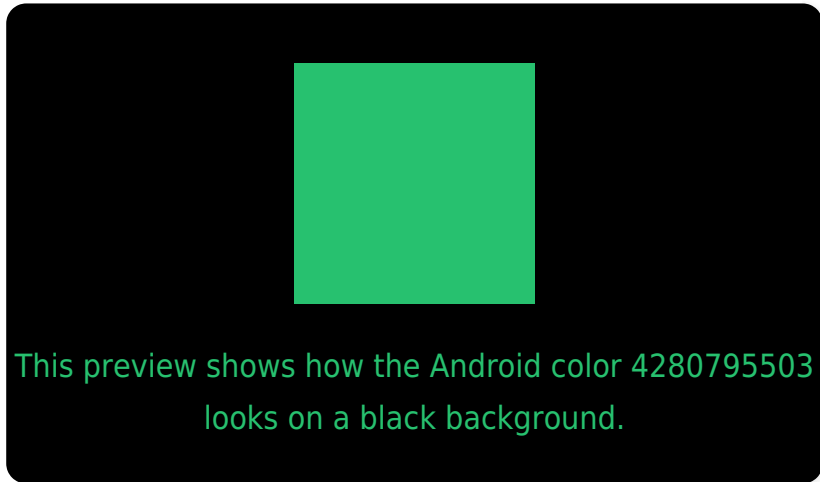
Large Text (above 18pt) WCAG AA × Fail

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 4280795503 Background



This preview shows how black text looks on a background with the Android color 4280795503.



This preview shows how white text looks on a background with the Android color 4280795503.

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
4280795503

Protanopia
4290226277

Deuteranopia
4291273079

Trichromacy



Original Color

4280795503



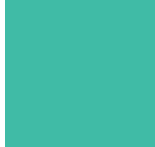
Protanomaly

4286820713



Deuteranomaly

4287475060



Tritanomaly

4282432422

Monochromacy



Original Color

4280795503



Achromatopsia

4287269514



Achromatomaly

4284915328

CSS Examples

Text

The CSS property to change the color of the text to Android 4280795503 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(39, 193, 111)` looks like.

```
.text, #text, p{  
    color:rgb(39, 193, 111)  
}
```

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(39, 193, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 193, 111) }
```

Border

The CSS property to change the border of an element to Android 4280795503 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(39, 193, 111) }
```

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

```
.border{ border-color:rgb(39, 193, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 193, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 193, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 193, 111);  
box-shadow:4px 4px 4px 4px rgb(39, 193,  
111) }
```

Background

The CSS property to change the background color of an element to Android 4280795503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 193, 111) }
```

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

```
.background{ background-color: rgb(39, 193,  
111) }
```

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