

# Converting Colors

Android(4280794534)

Have a look what the booklet for  
Android(4280794534) contains.

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**Color**

**Android(4280794534)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27BDA6
RGB	39, 189, 166
RGB Percent	15%, 74%, 65%
CMY	0.8471, 0.2588, 0.3490
CMYK	0.79, 0.00, 0.12, 0.26
HSL	171°, 66%, 45%
HSV	171°, 79%, 74%
XYZ	25.9172, 39.5797, 42.3501
YIQ	141.5280, -82.0170, -38.9530

# Conversions

## Conversions Part 2

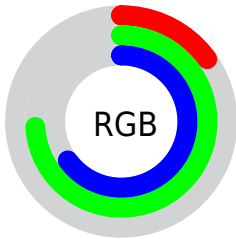
Format	Color
<a href="#">RYB</a>	<a href="#">39, 120, 189</a>
Decimal	<a href="#">2604454</a>
CIELab	<a href="#">69.17, -42.88, 0.85</a>
CIELCh	<a href="#">69, 42.887, 178.862</a>
Yxy	<a href="#">39.5797, 0.2403, 0.3670</a>
Android (android.graphics.Color)	<a href="#">4280794534</a> ( <a href="#">0xFF27BDA6</a> )
YUV	<a href="#">141.5280, 12.0647, -89.9171</a>
Hunter-Lab	<a href="#">62.9124, -36.5623, 4.1271</a>

# Details

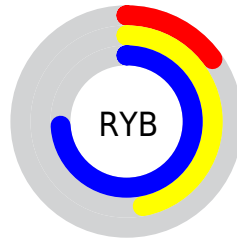
The Android color **4280794534** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **4290586430**, and the grayscale version is **4287466893**.

A 20% lighter version of the original color is **4285527773**, and **4278224754** is the 20% darker color. If you saturate the color by 10%, you get **4279549347**, and if you desaturate by 10%, it is **4282039721**.

# Distribution



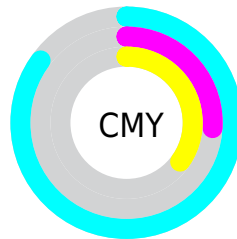
- Red (15%)
- Green (74%)
- Blue (65%)



- Red (15%)
- Yellow (47%)
- Blue (74%)



- Cyan (79%)
- Magenta (0%)
- Yellow (12%)
- Black (26%)



- Cyan (85%)
- Magenta (26%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280794534 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 4280794534 by changing the saturation by 10% instead.



 4280794534

 4280794534

4294967295

 4278231436

 4285527773

 4278224754

 4287561722

 4278218074

 4289527807

 4278211394

 4291493887

 4278205228

 4293525503

 4278199832

 4278190080

 4280794534

 4280794534

 4279549347

 4282039721

■ 4278304160

■ 4283284908

■ 4278238624

■ 4284530095

■ 4285775282

■ 4287020468

■ 4288200119

■ 4289445306

■ 4290690493

■ 4291935680

# Harmonies

## Analogous

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



4285315455



4280794534



4278238413

# Triad

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



4280794534



4289372141



4292974695

# Complementary

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



4280794534



4290586430

# 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.



4294086021



4280794534



4292383186

# Square

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



4280794534



4285050358



4293954220



4291012186

# Rectangle

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



4280794534



4278237922



4293954220



4293497968



# Sweetspot

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



4280794534



4290442732



4282432807



4283923061



4294638330



4286216826



# Same Dimension

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



4280794534



4279039441



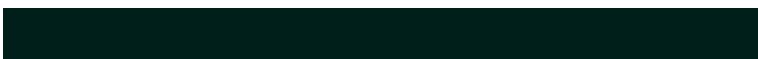
4280781757



4283784797



4278230662



4278198042



# Inverse Universe

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



4290586430



4294249520



4290599207



4284372310



4288544792

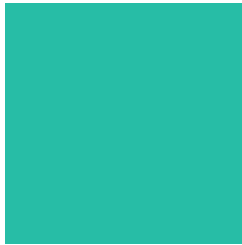


4280221701



# Previews

## White Background



This preview shows how the Android color 4280794534 looks on a white background.

## Color Contrast Check

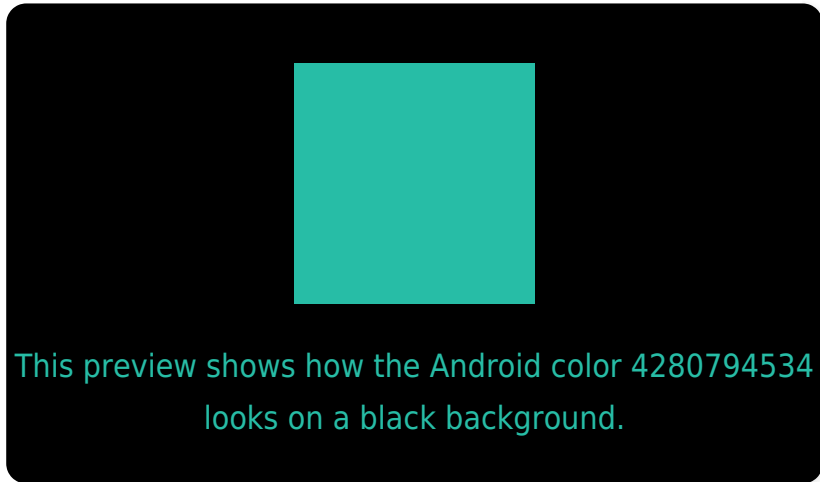
Large Text (above 18pt) WCAG AA × Fail

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

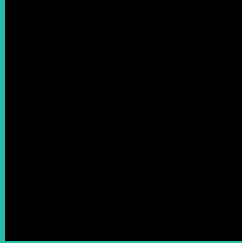
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

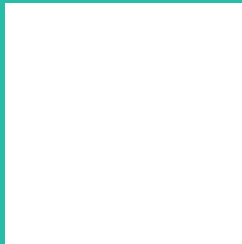
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280794534 Background



This preview shows how black text looks on a background with the Android color 4280794534.

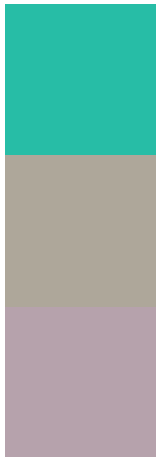


This preview shows how white text looks on a background with the Android color 4280794534.

# 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**  
4280794534

**Protanopia**  
4289636250

**Deuteranopia**  
4290159276



# Trichromacy



**Original Color**

4280794534



**Protanomaly**

4286427038



**Deuteranomaly**

4286753962



**Tritanomaly**

4281776827

# Monochromacy



**Original Color**

4280794534



**Achromatopsia**

4287532686



**Achromatomaly**

4285112215

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280794534 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, 189, 166)` looks like.

```
.text, #text, p{  
    color:rgb(39, 189, 166)  
}
```

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, 189, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 189, 166) }
```

## Border

The CSS property to change the border of an element to Android 4280794534 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, 189, 166) }
```

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

```
.border{ border-color:rgb(39, 189, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 189, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 189, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 189, 166);  
box-shadow:4px 4px 4px 4px rgb(39, 189,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4280794534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 189, 166) }
```

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

```
.background{ background-color: rgb(39, 189,  
166) }
```

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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