

# Converting Colors

Android(4280005000)

Have a look what the booklet for  
Android(4280005000) contains.

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# **Color**

**Android(4280005000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BB188
RGB	27, 177, 136
RGB Percent	11%, 69%, 53%
CMY	0.8941, 0.3059, 0.4667
CMYK	0.85, 0.00, 0.23, 0.31
HSL	164°, 74%, 40%
HSV	164°, 85%, 69%
XYZ	20.6181, 33.4549, 28.6633
YIQ	127.4760, -76.2390, -44.5510

# Conversions

## Conversions Part 2

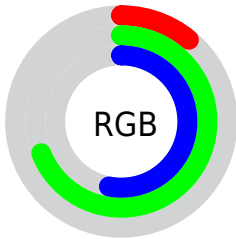
Format	Color
<a href="#">RYB</a>	<a href="#">27, 114, 177</a>
Decimal	<a href="#">1814920</a>
CIELab	<a href="#">64.53, -46.67, 10.66</a>
CIELCh	<a href="#">65, 47.876, 167.133</a>
Yxy	<a href="#">33.4549, 0.2492, 0.4044</a>
Android (android.graphics.Color)	<a href="#">4280005000 (0xFF1BB188)</a>
YUV	<a href="#">127.4760, 4.2023, -88.1175</a>
Hunter-Lab	<a href="#">57.8402, -37.5911, 11.1064</a>

# Details

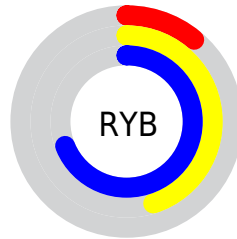
The Android color `4280005000` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4289796932`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4284934845`, and `4278221654` is the 20% darker color. If you saturate the color by 10%, you get `4278825347`, and if you desaturate by 10%, it is `4281184653`.

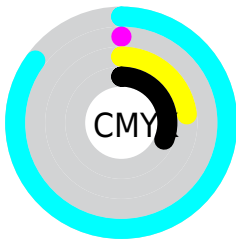
# Distribution



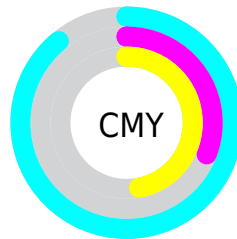
- Red (11%)
- Green (69%)
- Blue (53%)



- Red (11%)
- Yellow (45%)
- Blue (69%)



- Cyan (85%)
- Magenta (0%)
- Yellow (23%)
- Black (31%)



- Cyan (89%)
- Magenta (31%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280005000 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 4280005000 by changing the saturation by 10% instead.



 4280005000

 4280005000

4294967295

 4278228591

 4284934845

 4278221654

 4286906329

 4278214975

 4288872438

 4278208809

 4290838527

 4278202644

 4292804607

 4278196224

 4294770687

 4278190080

 4280005000

 4280005000

 4278825347

 4281184653

■ 4278235521

■ 4282298770

■ 4283478423

■ 4284658075

■ 4285772192

■ 4286951845

■ 4288131498

■ 4289311151

■ 4290425268

# Harmonies

## Analogous

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



4285377632



4280005000



4278235828

# Triad

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



4280005000



4286683374



4293035103

# Complementary

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



4280005000



4289796932

# 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.



4293753222



4280005000



4290742487

# Square

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



4280005000



4278232815



4293032881



4291138631

# Rectangle

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



4280005000



4278235599



4293032881



4293427051



# Sweetspot

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



4280005000



4289521366



4282822939



4283462505



4294111986



4285756275



# Same Dimension

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



4280005000



4278249127



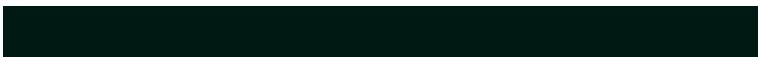
4279996593



4283455831



4278229359



4278196755



# Inverse Universe

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



4289796932



4293263423



4289805083



4284043347



4288217130

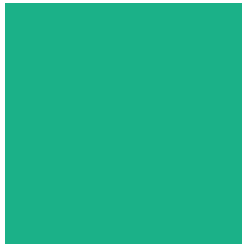


4279894023



# Previews

## White Background



This preview shows how the Android color 4280005000 looks on a white background.

## Color Contrast Check

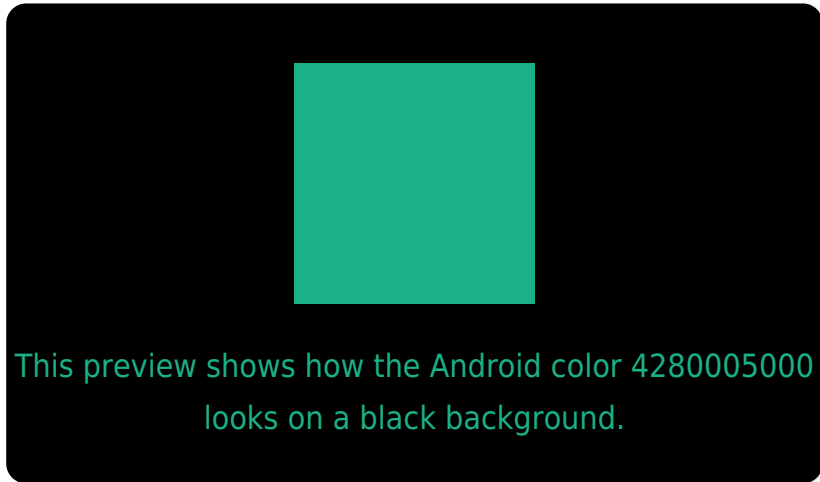
Large Text (above 18pt) WCAG AA × Fail

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

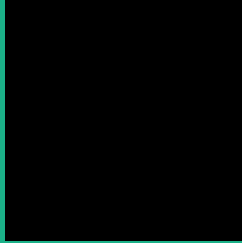
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280005000 Background



This preview shows how black text looks on a background with the Android color 4280005000.



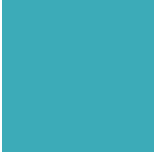
This preview shows how white text looks on a background with the Android color 4280005000.

# 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**

4280005000



**Protanomaly**

4285768577



**Deuteranomaly**

4286161036



**Tritanomaly**

4281380263

# Monochromacy



**Original Color**

4280005000



**Achromatopsia**

4286545791



**Achromatomaly**

4284191106

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280005000 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, 177, 136)` looks like.

```
.text, #text, p{  
    color:rgb(27, 177, 136)  
}
```

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, 177, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 177, 136) }
```

## Border

The CSS property to change the border of an element to Android 4280005000 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, 177, 136) }
```

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

```
.border{ border-color:rgb(27, 177, 136) }
```

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

Here you see how a box with a 4 pixel rgb(27, 177, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 177, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 177, 136);  
box-shadow:4px 4px 4px 4px rgb(27, 177,  
136) }
```

# Background

The CSS property to change the background color of an element to Android 4280005000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 177, 136) }
```

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

```
.background{ background-color: rgb(27, 177,  
136) }
```

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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