

Converting Colors

Android(4280005297)

Have a look what the booklet for
Android(4280005297) contains.

Android(4280005297)	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(4280005297)

Conversions

Conversions Part 1

Format	Color
Hex	1BB2B1
RGB	27, 178, 177
RGB Percent	11%, 70%, 69%
CMY	0.8941, 0.3020, 0.3059
CMYK	0.85, 0.00, 0.01, 0.30
HSL	180°, 74%, 40%
HSV	180°, 85%, 70%
XYZ	24.3082, 35.2481, 47.1174
YIQ	132.7370, -89.6750, -32.3230

Conversions

Conversions Part 2

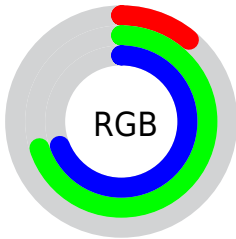
Format	Color
R _Y B	27, 103, 178
Decimal	1815217
CIE Lab	65.94, -35.82, -10.00
CIE LCh	66, 37.188, 195.595
Yxy	35.2481, 0.2279, 0.3304
Android (android.graphics.Color)	4280005297 (0xFF1BB2B1)
YUV	132.7370, 21.8217, -92.7313
Hunter-Lab	59.3701, -30.8136, -5.4947

Details

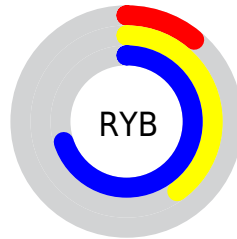
The Android color `4280005297` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289862428`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4285131497`, and `4278222205` is the 20% darker color. If you saturate the color by 10%, you get `4278825649`, and if you desaturate by 10%, it is `4281184945`.

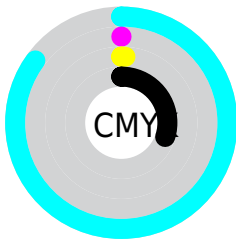
Distribution



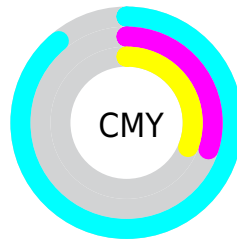
- Red (11%)
- Green (70%)
- Blue (69%)



- Red (11%)
- Yellow (40%)
- Blue (70%)



- Cyan (85%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (89%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280005297 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 4280005297 by changing the saturation by 10% instead.

 4280005297

 4280005297

4294967295

 4278228886

 4285131497


 4278222205

 4287168511

 4278215524

 4289200127

 4278209100

 4291166207

 4278203189

 4293132287

 4278197792

 4278190087

 4278190080

 4280005297

 4280005297

■ 4278825649

■ 4281184945

■ 4278235825

■ 4282364593

■ 4283478705

■ 4284658353

■ 4285838002

■ 4287017650

■ 4288197298

■ 4289311410

■ 4290491058

Harmonies

Analogous

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



4283740559



4280005297



4278300623

Triad

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



4280005297



4290417103



4291074400

Complementary

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



4280005297



4289862428

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.



4292513138



4280005297



4292315314

Square

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



4280005297



4287405792



4292970128



4289045599

Rectangle

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



4280005297



4282100700



4292970128



4291663204

Sweetspot

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



4280005297



4289652968



4280201755



4283594101



4294309365



4285887861

Same Dimension

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



4280005297



4278249703



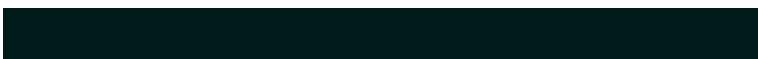
4279986610



4283455833



4278229400



4278196761

Inverse Universe

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



4289862428



4293394434



4289881115



4284043344



4288217089



4279894016

Previews

White Background



This preview shows how the Android color 4280005297 looks on a white background.

Color Contrast Check

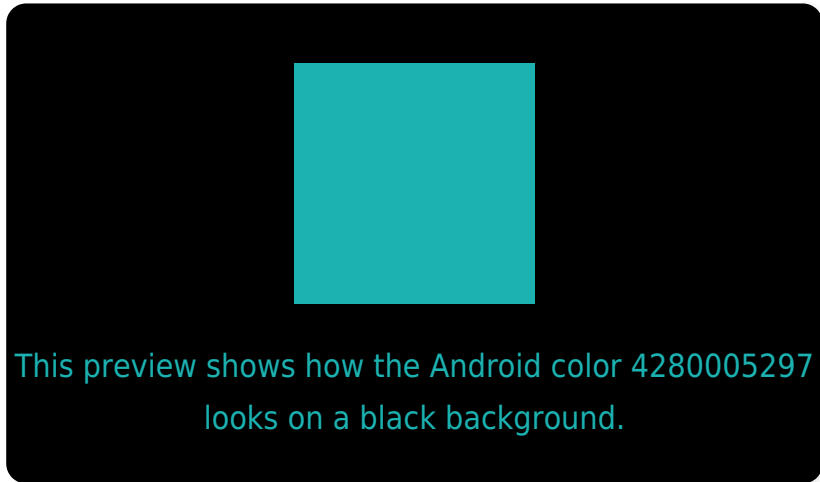
Large Text (above 18pt) WCAG AA × Fail

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

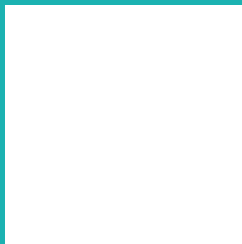
Any Text WCAG AAA ✓ Pass

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

Android 4280005297 Background



This preview shows how black text looks on a background with the Android color 4280005297.

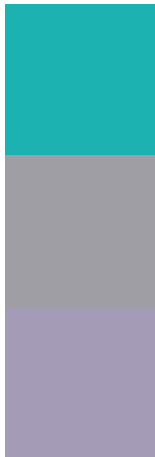


This preview shows how white text looks on a background with the Android color 4280005297.

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](#).

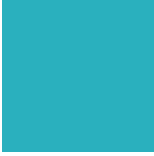
Dichromacy



Original Color
4280005297

Protanopia
4288716453

Deuteranopia
4288977846



Tritanopia
4280987838

Trichromacy



Original Color

4280005297



Protanomaly

4285572521



Deuteranomaly

4285703092



Tritanomaly

4280660409

Monochromacy



Original Color

4280005297



Achromatopsia

4286940549



Achromatomaly

4284388757

CSS Examples

Text

The CSS property to change the color of the text to Android 4280005297 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, 178, 177)` looks like.

```
.text, #text, p{  
    color:rgb(27, 178, 177)  
}
```

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, 178, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 178, 177) }
```

Border

The CSS property to change the border of an element to Android 4280005297 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, 178, 177) }
```

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

```
.border{ border-color:rgb(27, 178, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 178, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 178, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 178, 177);  
box-shadow:4px 4px 4px 4px rgb(27, 178,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4280005297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 178, 177) }
```

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

```
.background{ background-color: rgb(27, 178,  
177) }
```

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