

Converting Colors

Android(4280002191)

Have a look what the booklet for
Android(4280002191) contains.

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Color

Android(4280002191)

Conversions

Conversions Part 1

Format	Color
Hex	1BA68F
RGB	27, 166, 143
RGB Percent	11%, 65%, 56%
CMY	0.8941, 0.3490, 0.4392
CMYK	0.84, 0.00, 0.14, 0.35
HSL	170°, 72%, 38%
HSV	170°, 84%, 65%
XYZ	19.0461, 29.4886, 30.6746
YIQ	121.8170, -75.4610, -36.6210

Conversions

Conversions Part 2

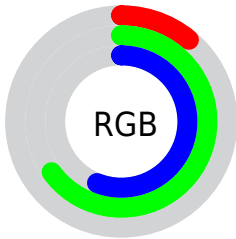
Format	Color
R_{YB}	27, 103, 166
Decimal	1812111
CIE _{Lab}	61.21, -40.21, 2.01
CIE _{LCh}	61, 40.264, 177.137
Yxy	29.4886, 0.2405, 0.3723
Android (android.graphics.Color)	4280002191 (0xFF1BA68F)
YUV	121.8170, 10.4432, -83.1545
Hunter-Lab	54.3034, -32.4247, 4.5210

Details

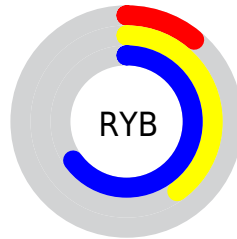
The Android color `4280002191` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289076018`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4284800709`, and `4278219101` is the 20% darker color. If you saturate the color by 10%, you get `4278888076`, and if you desaturate by 10%, it is `4281116306`.

Distribution



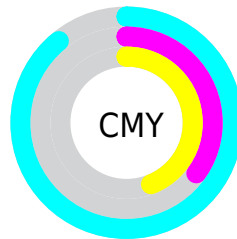
- Red (11%)
- Green (65%)
- Blue (56%)



- Red (11%)
- Yellow (40%)
- Blue (65%)



- Cyan (84%)
- Magenta (0%)
- Yellow (14%)
- Black (35%)



- Cyan (89%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280002191 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 4280002191 by changing the saturation by 10% instead.



4280002191



4280002191

4294967295



4278225781



4284800709



4278219101



4286774241



4278212677



4288675837



4278206511



4290641919



4278200858



4292607999



4278192128



4294574079



4278190080



4280002191



4280002191



4278888076



4281116306

■ 4278232715

■ 4282164884

■ 4283278999

■ 4284327578

■ 4285441693

■ 4286555807

■ 4287604386

■ 4288718501

■ 4289767080

Harmonies

Analogous

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



4284392300



4280002191



4278232755

Triad

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



4280002191



4287794387



4291331161

Complementary

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



4280002191



4289076018

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.



4292311413



4280002191



4290609083

Square

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



4280002191



4283603162



4292114329



4289565003

Rectangle

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



4280002191



4278232007



4292114329



4291788897

Sweetspot

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



4280002191



4288928208



4281509403



4283264616



4293783021



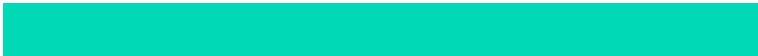
4285427310

Same Dimension

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



4280002191



4278245813



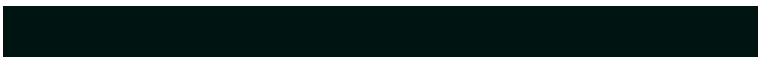
4279990438



4283192403



4278228091



4278195217

Inverse Universe

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



4289076018



4292411428



4289087771



4283714637



4287889432



4279500803

Previews

White Background



This preview shows how the Android color 4280002191 looks on a white background.

Color Contrast Check

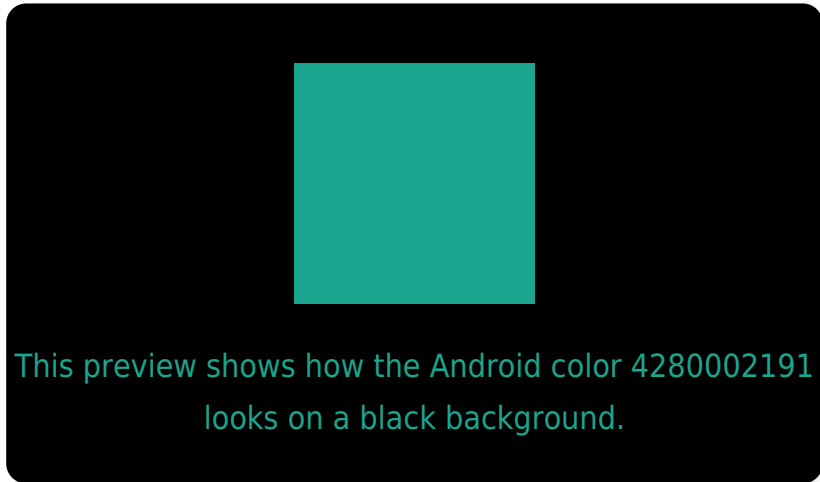
Large Text (above 18pt) WCAG AA ✓ Pass

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

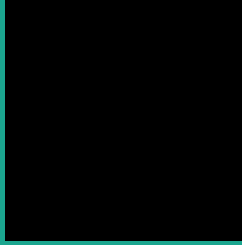
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4280002191 Background



This preview shows how black text looks on a background with the Android color 4280002191.



This preview shows how white text looks on a background with the Android color 4280002191.

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

4280002191



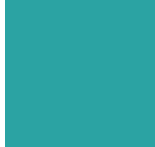
Protanomaly

4285241736



Deuteranomaly

4285568914



Tritanomaly

4281050019

Monochromacy



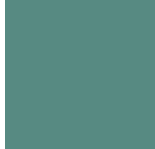
Original Color

4280002191



Achromatopsia

4286216826



Achromatomaly

4283927170

CSS Examples

Text

The CSS property to change the color of the text to Android 4280002191 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, 166, 143)` looks like.

```
.text, #text, p{  
    color:rgb(27, 166, 143)  
}
```

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, 166, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 166, 143) }
```

Border

The CSS property to change the border of an element to Android 4280002191 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, 166, 143) }
```

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

```
.border{ border-color:rgb(27, 166, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 166, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 166, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 166, 143);  
box-shadow:4px 4px 4px 4px rgb(27, 166,  
143) }
```

Background

The CSS property to change the background color of an element to Android 4280002191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 166, 143) }
```

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

```
.background{ background-color: rgb(27, 166,  
143) }
```

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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