

# Converting Colors

Android(4280194200)

Have a look what the booklet for  
Android(4280194200) contains.

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# Color

**Android(4280194200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E9498
RGB	30, 148, 152
RGB Percent	12%, 58%, 60%
CMY	0.8824, 0.4196, 0.4039
CMYK	0.80, 0.03, 0.00, 0.40
HSL	182°, 67%, 36%
HSV	182°, 80%, 60%
XYZ	16.7928, 23.7228, 33.3997
YIQ	113.1740, -71.6120, -23.7720

# Conversions

## Conversions Part 2

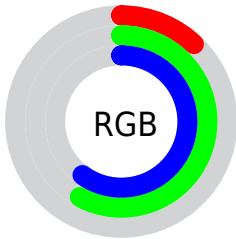
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 90, 152
Decimal	2004120
CIE <sub>Lab</sub>	55.81, -28.96, -11.07
CIE <sub>LCh</sub>	56, 31.004, 200.927
Yxy	23.7228, 0.2272, 0.3209
Android (android.graphics.Color)	4280194200 (0xFF1E9498)
YUV	113.1740, 19.1412, -72.9436
Hunter-Lab	48.7061, -23.6926, -6.5632

# Details

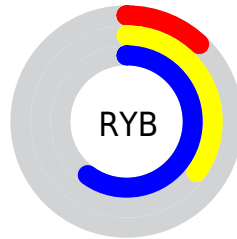
The Android color `4280194200` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288160286`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4284730318`, and `4278215013` is the 20% darker color. If you saturate the color by 10%, you get `4279211160`, and if you desaturate by 10%, it is `4281177240`.

# Distribution



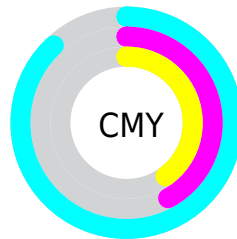
- Red (12%)
- Green (58%)
- Blue (60%)



- Red (12%)
- Yellow (35%)
- Blue (60%)



- Cyan (80%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (42%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280194200 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 4280194200 by changing the saturation by 10% instead.



 4280194200

 4280194200

4294967295

 4278221438

 4284730318

 4278215013

 4286638058

 4278208589

 4288544767

 4278202678

 4290510847

 4278197793

 4292411391

 4278190089

 4294377471

 4278190080

 4280194200

 4280194200

 4279211160

 4281177240

■ 4278227864

■ 4282160536

■ 4283209112

■ 4284192408

■ 4285175448

■ 4286158744

■ 4287141784

■ 4288190616

■ 4289173656

# Harmonies

## Analogous

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



4282619004



4280194200



4280521135

# Triad

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



4280194200



4288706728



4288643408

# Complementary

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



4280194200



4288160286

# 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.



4289886301



4280194200



4290081423

# Square

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



4280194200



4286415544



4290409076



4286876243

# Rectangle

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



4280194200



4282486200



4290409076



4289101395



# Sweetspot

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



4280194200



4288005060



4280195104



4282868579



4293125091



4284703587



# Same Dimension

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



4280194200



4278763204



4280179096



4282731597



4278225036



4278193165



# Inverse Universe

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



4288159380



4291037374



4288175390



4283254092



4287365256

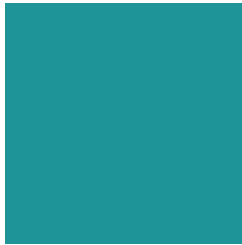


4279042060



# Previews

## White Background



This preview shows how the Android color 4280194200 looks on a white background.

## Color Contrast Check

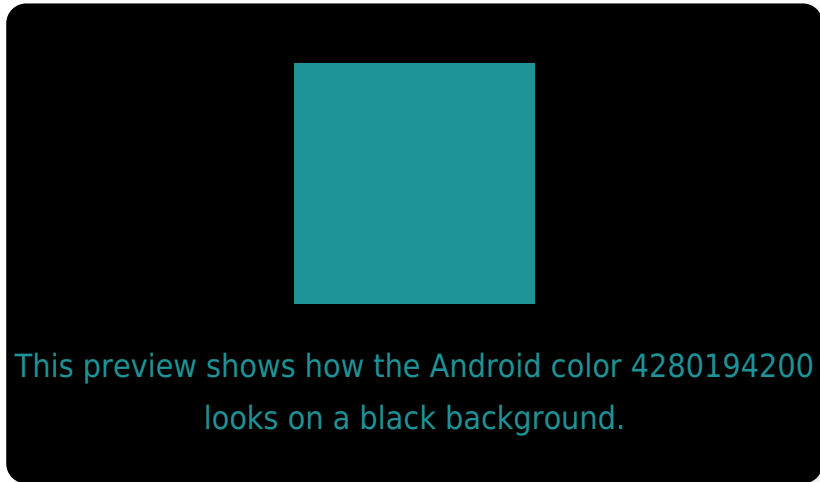
Large Text (above 18pt) WCAG AA ✓ Pass

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

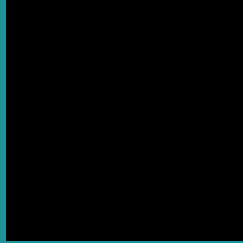
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280194200 Background



This preview shows how black text looks on a background with the Android color 4280194200.

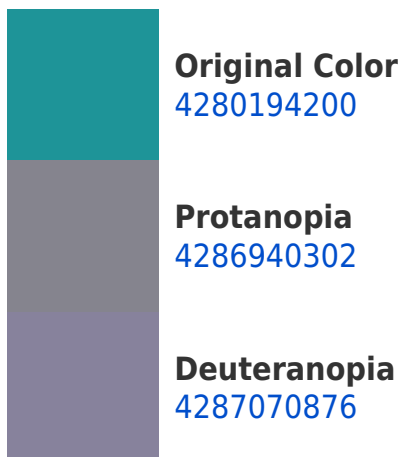


This preview shows how white text looks on a background with the Android color 4280194200.

# 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**

4280194200



**Protanomaly**

4284517010



**Deuteranomaly**

4284582299



**Tritanomaly**

4280456092

# Monochromacy



**Original Color**

4280194200



**Achromatopsia**

4285624689



**Achromatomaly**

4283661951

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280194200 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(30, 148, 152)` looks like.

```
.text, #text, p{  
    color:rgb(30, 148, 152)  
}
```

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(30, 148, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 148, 152) }
```

## Border

The CSS property to change the border of an element to Android 4280194200 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(30, 148, 152) }
```

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

```
.border{ border-color:rgb(30, 148, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 148, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 148, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 148, 152);  
box-shadow:4px 4px 4px 4px rgb(30, 148,  
152) }
```

# Background

The CSS property to change the background color of an element to Android 4280194200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 148, 152) }
```

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

```
.background{ background-color: rgb(30, 148,  
152) }
```

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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