

# Converting Colors

Android(4280459120)

Have a look what the booklet for  
Android(4280459120) contains.

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# Color

**Android(4280459120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	229F70
RGB	34, 159, 112
RGB Percent	13%, 62%, 44%
CMY	0.8667, 0.3765, 0.5608
CMYK	0.79, 0.00, 0.30, 0.38
HSL	157°, 65%, 38%
HSV	157°, 79%, 62%
XYZ	15.9825, 26.3062, 19.5645
YIQ	116.2670, -59.4130, -41.1170

# Conversions

## Conversions Part 2

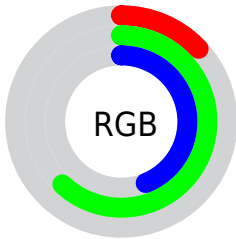
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 111, 159
Decimal	2269040
CIE <sub>Lab</sub>	58.33, -44.40, 15.29
CIE <sub>LCh</sub>	58, 46.956, 160.995
Yxy	26.3062, 0.2584, 0.4253
Android (android.graphics.Color)	4280459120 (0xFF229F70)
YUV	116.2670, -2.1036, -72.1482
Hunter-Lab	51.2896, -34.1340, 13.2865

# Details

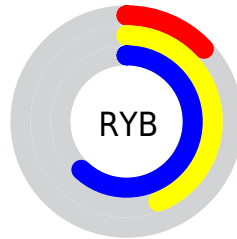
The Android color `4280459120` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288619089`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4284798884`, and `4278217280` is the 20% darker color. If you saturate the color by 10%, you get `4279410538`, and if you desaturate by 10%, it is `4281507702`.

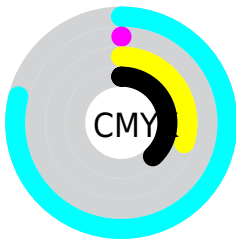
# Distribution



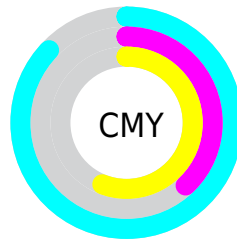
- Red (13%)
- Green (62%)
- Blue (44%)



- Red (13%)
- Yellow (44%)
- Blue (62%)



- Cyan (79%)
- Magenta (0%)
- Yellow (30%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280459120 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 4280459120 by changing the saturation by 10% instead.





4280459120



4280459120

4294967295



4278223959



4284798884



4278217280



4286706623



4278210858



4288610267



4278204693



4290510839



4278199296



4292476927



4278190080



4294377471



4280459120



4280459120



4279410538



4281507702

■ 4278361956

■ 4282556284

■ 4278230883

■ 4283604866

■ 4284653448

■ 4285702030

■ 4286685076

■ 4287733658

■ 4288782240

■ 4289830822

# Harmonies

## Analogous

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



4285045067



4280459120



4278231451

# Triad

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



4280459120



4284517341



4291981912

# Complementary

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



4280459120



4288619089

# 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.



4292438399



4280459120



4288904139

# Square

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



4280459120



4278229209



4291456424



4290347325

# Rectangle

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



4280459120



4278231221



4291456424



4292242788



# Sweetspot

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



4280459120



4288532412



4283604770



4283066717



4293454056



4285098345



# Same Dimension

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



4280459120



4279029638



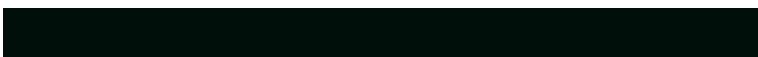
4280455327



4282863436



4278226777



4278193930



# Inverse Universe

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



4288619089



4291759189



4288622882



4283385674



4287561782



4279173126



# Previews

## White Background



This preview shows how the Android color 4280459120 looks on a white background.

## Color Contrast Check

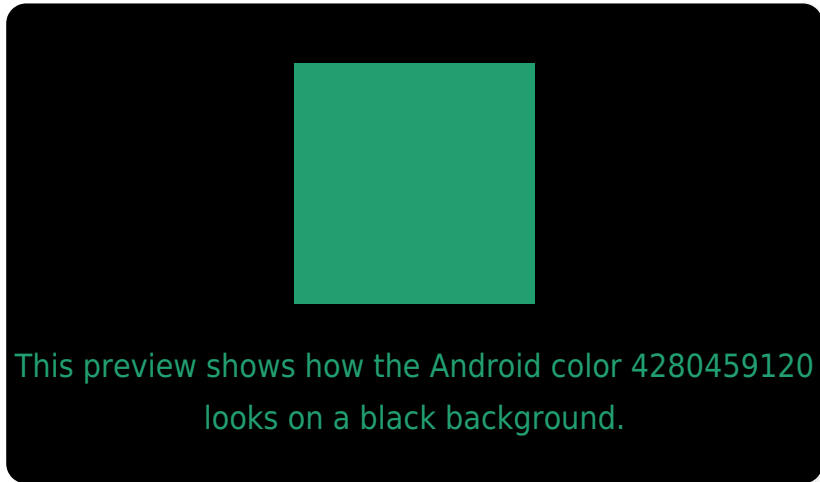
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280459120 Background



This preview shows how black text looks on a background with the Android color 4280459120.



This preview shows how white text looks on a background with the Android color 4280459120.

# 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**  
4280459120



**Protanomaly**  
4285239914



**Deuteranomaly**  
4285697908



**Tritanomaly**  
4281637778

# Monochromacy



**Original Color**  
4280459120



**Achromatopsia**  
4285822068



**Achromatomaly**  
4283860083

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280459120 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(34, 159, 112)` looks like.

```
.text, #text, p{  
    color:rgb(34, 159, 112)  
}
```

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(34, 159, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 159, 112) }
```

## Border

The CSS property to change the border of an element to Android 4280459120 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(34, 159, 112) }
```

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

```
.border{ border-color:rgb(34, 159, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 159, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 159, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 159, 112);  
box-shadow:4px 4px 4px 4px rgb(34, 159,  
112) }
```

# Background

The CSS property to change the background color of an element to Android 4280459120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 159, 112) }
```

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

```
.background{ background-color: rgb(34, 159,  
112) }
```

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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