

# Converting Colors

Android(4281311094)

Have a look what the booklet for  
Android(4281311094) contains.

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# Color

**Android(4281311094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F9F76
RGB	47, 159, 118
RGB Percent	18%, 62%, 46%
CMY	0.8157, 0.3765, 0.5373
CMYK	0.70, 0.00, 0.26, 0.38
HSL	158°, 54%, 40%
HSV	158°, 70%, 62%
XYZ	16.8404, 26.7086, 21.4072
YIQ	120.8380, -53.5910, -36.4950

# Conversions

## Conversions Part 2

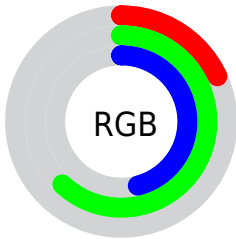
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 116, 159
Decimal	3121014
CIELab	58.70, -41.17, 12.50
CIELCh	59, 43.027, 163.106
Yxy	26.7086, 0.2593, 0.4112
Android (android.graphics.Color)	4281311094 (0xFF2F9F76)
YUV	120.8380, -1.3991, -64.7559
Hunter-Lab	51.6804, -32.2751, 11.6169

# Details

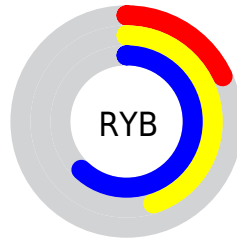
The Android color `4281311094` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288622424`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4285322922`, and `4278217286` is the 20% darker color. If you saturate the color by 10%, you get `4280262512`, and if you desaturate by 10%, it is `4282359676`.

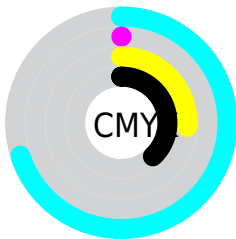
# Distribution



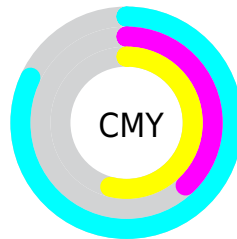
- Red (18%)
- Green (62%)
- Blue (46%)



- Red (18%)
- Yellow (45%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (26%)
- Black (38%)




- Cyan (82%)
- Magenta (38%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281311094 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 4281311094 by changing the saturation by 10% instead.



 4281311094

 4281311094

4294967295

 4278223965

 4285322922

 4278217286

 4287165382

 4278210863

 4289069026

 4278204698

 4290969598

 4278199552

 4292870143

 4278190080

4294836223

 4281311094

 4281311094

 4280262512

 4282359676

■ 4279213930

■ 4283408258

■ 4278230885

■ 4284456839

■ 4285505421

■ 4286554003

■ 4287537049

■ 4288585631

■ 4289634213

■ 4290682794

# Harmonies

## Analogous

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



4285176404



4281311094



4278231453

# Triad

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



4281311094



4285369303



4291655259

# Complementary

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



4281311094



4288622424

# 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.



4292177534



4281311094



4289101253

# Square

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



4281311094



4278228949



4291326372



4290151492

# Rectangle

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



4281311094



4278230965



4291326372



4291981926



# Sweetspot

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



4281311094



4288925631



4283997999



4283328863



4293454056



4285098345



# Same Dimension

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



4281311094



4280274830



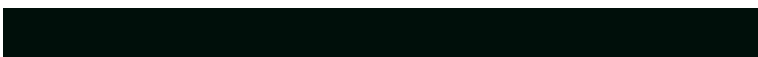
4281307295



4282863436



4278226779



4278193930



# Inverse Universe

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



4288622424



4291764063



4288626223



4283385674



4287561780



4279173126



# Previews

## White Background



This preview shows how the Android color 4281311094 looks on a white background.

## Color Contrast Check

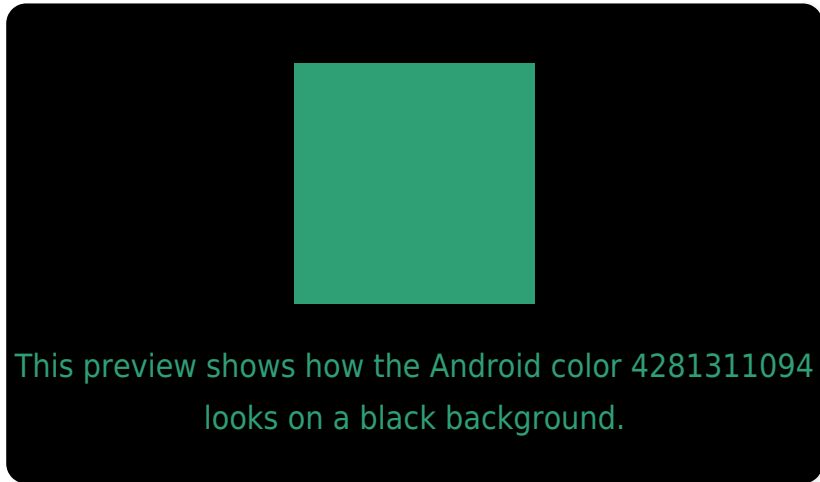
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281311094 Background



This preview shows how black text looks on a background with the Android color 4281311094.



This preview shows how white text looks on a background with the Android color 4281311094.

# 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**

4281311094



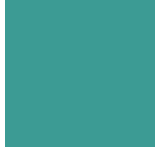
**Protanomaly**

4285567856



**Deuteranomaly**

4286025849



**Tritanomaly**

4282162068

# Monochromacy



**Original Color**

4281311094



**Achromatopsia**

4286151033



**Achromatomaly**

4284385144

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281311094 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(47, 159, 118)` looks like.

```
.text, #text, p{  
    color:rgb(47, 159, 118)  
}
```

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(47, 159, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 159, 118) }
```

## Border

The CSS property to change the border of an element to Android 4281311094 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(47, 159, 118) }
```

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

```
.border{ border-color:rgb(47, 159, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 159, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 159, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 159, 118);  
box-shadow:4px 4px 4px 4px rgb(47, 159,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4281311094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 159, 118) }
```

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

```
.background{ background-color: rgb(47, 159,  
118) }
```

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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