

# Converting Colors

Android(4279940898)

Have a look what the booklet for  
Android(4279940898) contains.

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**Color**

**Android(4279940898)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1AB722
RGB	26, 183, 34
RGB Percent	10%, 72%, 13%
CMY	0.8980, 0.2824, 0.8667
CMYK	0.86, 0.00, 0.81, 0.28
HSL	123°, 75%, 41%
HSV	123°, 86%, 72%
XYZ	17.6482, 34.2021, 7.1849
YIQ	119.0710, -45.7430, -79.6230

# Conversions

## Conversions Part 2

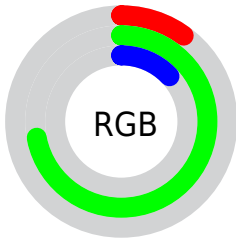
Format	Color
<a href="#">RYB</a>	<a href="#">26, 175, 183</a>
Decimal	<a href="#">1750818</a>
CIELab	<a href="#">65.12, -64.42, 59.05</a>
CIELCh	<a href="#">65, 87.385, 137.491</a>
Yxy	<a href="#">34.2021, 0.2989, 0.5794</a>
Android (android.graphics.Color)	<a href="#">4279940898 (0xFF1AB722)</a>
YUV	<a href="#">119.0710, -41.9400, -81.6233</a>
Hunter-Lab	<a href="#">58.4825, -48.4787, 33.6537</a>

# Details

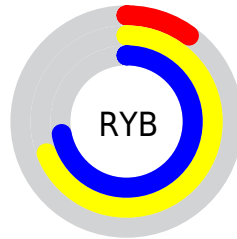
The Android color `4279940898` is a dark color, and the websafe version is hex `33CC33`. A complement of this color would be `4290189999`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285132892`, and `4278222848` is the 20% darker color. If you saturate the color by 10%, you get `4278761233`, and if you desaturate by 10%, it is `4281120563`.

# Distribution



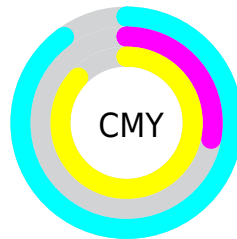
- Red (10%)
- Green (72%)
- Blue (13%)



- Red (10%)
- Yellow (69%)
- Blue (72%)



- Cyan (86%)
- Magenta (0%)
- Yellow (81%)
- Black (28%)



- Cyan (90%)
- Magenta (28%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279940898 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 4279940898 by changing the saturation by 10% instead.



 4279940898

 4279940898

4294967295

 4278229760

 4285132892


 4278222848

 4287168375

 4278216192

 4289200019

 4278209536

 4291166127

 4278203648

 4293132236

 4278196736


 4294967273

 4278190080

 4279940898

 4279940898

 4278761233

 4281120563

■ 4278236937

■ 4282365765

■ 4283545430

■ 4284725095

■ 4285970297

■ 4287149962

■ 4288329628

■ 4289509293

■ 4290754494

# Harmonies

## Analogous

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



4287932416



4279940898



4278238841

# Triad

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



4279940898



4278235647



4294918260

# Complementary

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



4279940898



4290189999

# 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.



4294919362



4279940898



4281309439

# Square

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



4279940898



4278238719



4292374783



4294928680

# Rectangle

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



4279940898



4278239408



4292374783



4294916750



# Sweetspot

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



4279940898



4289719731



4289705754



4283660373



4294440951



4286085240



# Same Dimension

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



4279940898



4278250764



4279940976



4283653203



4278230024



4278197249



# Inverse Universe

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



4290189999



4293722337



4290189921



4284240731



4288413844

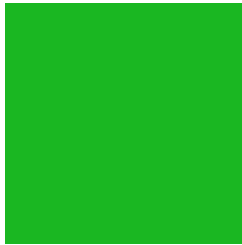


4280025115



# Previews

## White Background



This preview shows how the Android color 4279940898 looks on a white background.

## Color Contrast Check

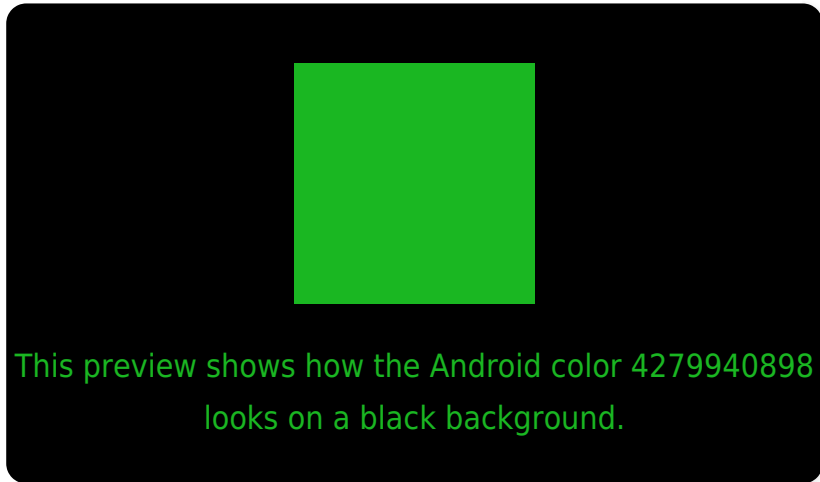
Large Text (above 18pt) WCAG AA × Fail

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 4279940898 Background



This preview shows how black text looks on a background with the Android color 4279940898.



This preview shows how white text looks on a background with the Android color 4279940898.

# 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**  
4279940898

**Protanopia**  
4289830171

**Deuteranopia**  
4291073331



# Trichromacy



**Original Color**

4279940898



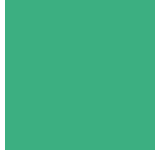
**Protanomaly**

4286227998



**Deuteranomaly**

4287013165



**Tritanomaly**

4282167169

# Monochromacy



**Original Color**

4279940898



**Achromatopsia**

4286019447



**Achromatomaly**

4283797080

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279940898 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(26, 183, 34)` looks like.

```
.text, #text, p{  
    color:rgb(26, 183, 34)  
}
```

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(26, 183, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 183, 34) }
```

## Border

The CSS property to change the border of an element to Android 4279940898 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(26, 183, 34) }
```

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

```
.border{ border-color:rgb(26, 183, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 183, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 183, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 183, 34);  
box-shadow:4px 4px 4px 4px rgb(26, 183,  
34) }
```

# Background

The CSS property to change the background color of an element to Android 4279940898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 183, 34) }
```

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

```
.background{ background-color: rgb(26, 183,  
34) }
```

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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