

# Converting Colors

Android(4279413334)

Have a look what the booklet for  
Android(4279413334) contains.

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# Color

**Android(4279413334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12AA56
RGB	18, 170, 86
RGB Percent	7%, 67%, 34%
CMY	0.9294, 0.3333, 0.6627
CMYK	0.89, 0.00, 0.49, 0.33
HSL	147°, 81%, 37%
HSV	147°, 89%, 67%
XYZ	16.3039, 29.5499, 13.6485
YIQ	114.9760, -63.6280, -58.3480

# Conversions

## Conversions Part 2

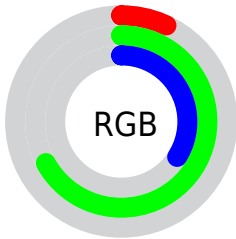
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 123, 170
Decimal	1223254
CIELab	61.26, -55.22, 33.12
CIELCh	61, 64.391, 149.045
Yxy	29.5499, 0.2740, 0.4966
Android (android.graphics.Color)	4279413334 (0xFF12AA56)
YUV	114.9760, -14.2852, -85.0480
Hunter-Lab	54.3599, -41.5931, 23.1655

# Details

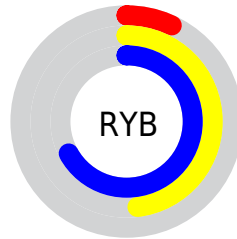
The Android color `4279413334` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4289335910`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4284539529`, and `4278219814` is the 20% darker color. If you saturate the color by 10%, you get `4278299213`, and if you desaturate by 10%, it is `4280527455`.

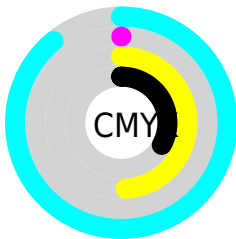
# Distribution



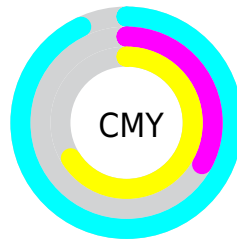
- Red (7%)
- Green (67%)
- Blue (34%)



- Red (7%)
- Yellow (48%)
- Blue (67%)



- Cyan (89%)
- Magenta (0%)
- Yellow (49%)
- Black (33%)



- Cyan (93%)
- Magenta (33%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279413334 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 4279413334 by changing the saturation by 10% instead.



 4279413334

 4279413334

4294967295

 4278226750

 4284539529

 4278219814

 4286513060

 4278213133

 4288479167

 4278206720

 4290445275

 4278201088

 4292411384

 4278192384

 4294377471

 4278190080

 4279413334

 4279413334

 4278299213

 4280527455

■ 4278233676

■ 4281641577

■ 4282755698

■ 4283869820

■ 4284983941

■ 4286098062

■ 4287212184

■ 4288326305

■ 4289440427

# Harmonies

## Analogous

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



4286161187



4279413334



4278234768

# Triad

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



4279413334



4278230015



4294402912

# Complementary

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



4279413334



4289335910

# 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.



4294400920



4279413334



4287596280

# Square

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



4279413334



4278233333



4292242639



4292704815

# Rectangle

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



4279413334



4278235063



4292242639



4294598258



# Sweetspot

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



4279413334



4288863933



4285049362



4283199580



4293980400



4285558896



# Same Dimension

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



4279413334



4278247011



4279413408



4283192399



4278228034



4278195209



# Inverse Universe

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



4289335910



4292739195



4289335836



4283714640



4287889490



4279500811



# Previews

## White Background



This preview shows how the Android color 4279413334 looks on a white background.

## Color Contrast Check

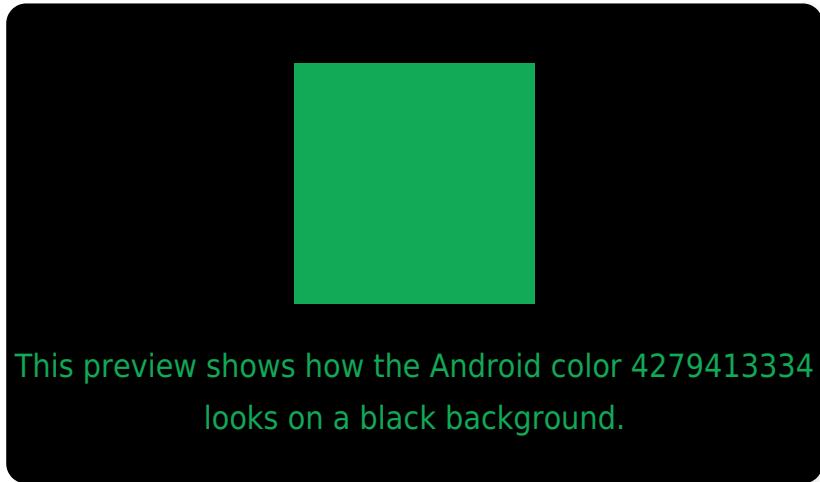
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279413334 Background



This preview shows how black text looks on a background with the Android color 4279413334.



This preview shows how white text looks on a background with the Android color 4279413334.

# 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**  
4279413334

**Protanopia**  
4288844622

**Deuteranopia**  
4289825885



# Trichromacy



**Original Color**

4279413334



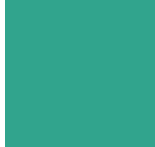
**Protanomaly**

4285438801



**Deuteranomaly**

4286027610



**Tritanomaly**

4281443469

# Monochromacy



**Original Color**

4279413334



**Achromatopsia**

4285756275



**Achromatomaly**

4283467624

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279413334 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(18, 170, 86)` looks like.

```
.text, #text, p{  
    color:rgb(18, 170, 86)  
}
```

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(18, 170, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 170, 86) }
```

## Border

The CSS property to change the border of an element to Android 4279413334 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(18, 170, 86) }
```

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

```
.border{ border-color:rgb(18, 170, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 170, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 170, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 170, 86);  
box-shadow:4px 4px 4px 4px rgb(18, 170,  
86) }
```

# Background

The CSS property to change the background color of an element to Android 4279413334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 170, 86) }
```

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

```
.background{ background-color: rgb(18, 170,  
86) }
```

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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