

# Converting Colors

Android(4281434178)

Have a look what the booklet for  
Android(4281434178) contains.

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# Color

**Android(4281434178)**

# Conversions

## Conversions Part 1

Format	Color
Hex	318042
RGB	49, 128, 66
RGB Percent	19%, 50%, 26%
CMY	0.8078, 0.4980, 0.7412
CMYK	0.62, 0.00, 0.48, 0.50
HSL	133°, 45%, 35%
HSV	133°, 62%, 50%
XYZ	9.9692, 16.4847, 7.8107
YIQ	97.3110, -27.1820, -36.0300

# Conversions

## Conversions Part 2

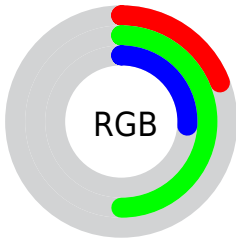
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 114, 128
Decimal	3244098
CIELab	47.60, -38.36, 26.56
CIElCh	48, 46.654, 145.297
Yxy	16.4847, 0.2909, 0.4811
Android (android.graphics.Color)	4281434178 (0xFF318042)
YUV	97.3110, -15.4363, -42.3687
Hunter-Lab	40.6013, -27.2237, 17.0150

# Details

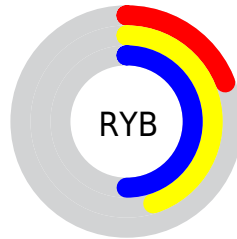
The Android color `4281434178` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4286591343`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284986995`, and `4278210068` is the 20% darker color. If you saturate the color by 10%, you get `4280582200`, and if you desaturate by 10%, it is `4282286156`.

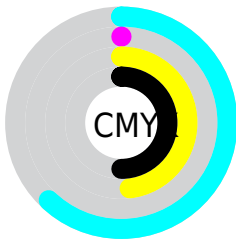
# Distribution



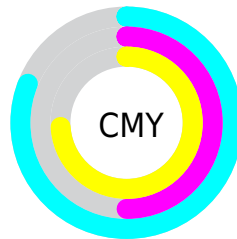
- Red (19%)
- Green (50%)
- Blue (26%)



- Red (19%)
- Yellow (45%)
- Blue (50%)



- Cyan (62%)
- Magenta (0%)
- Yellow (48%)
- Black (50%)




- Cyan (81%)
- Magenta (50%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281434178 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 4281434178 by changing the saturation by 10% instead.



 4281434178

 4281434178

4294967295

 4279264811

 4284986995

 4278210068

 4286828941

 4278203904

 4288605864

 4278198784

 4290445251

 4278190080

 4292345823

 4294246396

 4281434178

 4281434178

 4280582200

 4282286156

■ 4279730222

■ 4283138134

■ 4278943780

■ 4283924576

■ 4278222876

■ 4284776554

■ 4285628532

■ 4286480510

■ 4287332488

■ 4288118930

■ 4288970908

# Harmonies

## Analogous

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



4284840228



4281434178



4278223977

# Triad

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



4281434178



4278220735



4290269266

# Complementary

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



4281434178



4286591343

# 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.



4290071929



4281434178



4284967352

# Square

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



4281434178



4278223025



4288370846



4289224240

# Rectangle

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



4281434178



4278224004



4288370846



4290334046



# Sweetspot

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



4281434178



4287014541



4285562929



4282471493



4292138196



4283716692



# Same Dimension

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



4281434178



4281050693



4281434216



4281942075



4278222875



4278190080



# Inverse Universe

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



4286591343



4289080203



4286591305



4282399038



4286578788



4278190080



# Previews

## White Background



This preview shows how the Android color 4281434178 looks on a white background.

## Color Contrast Check

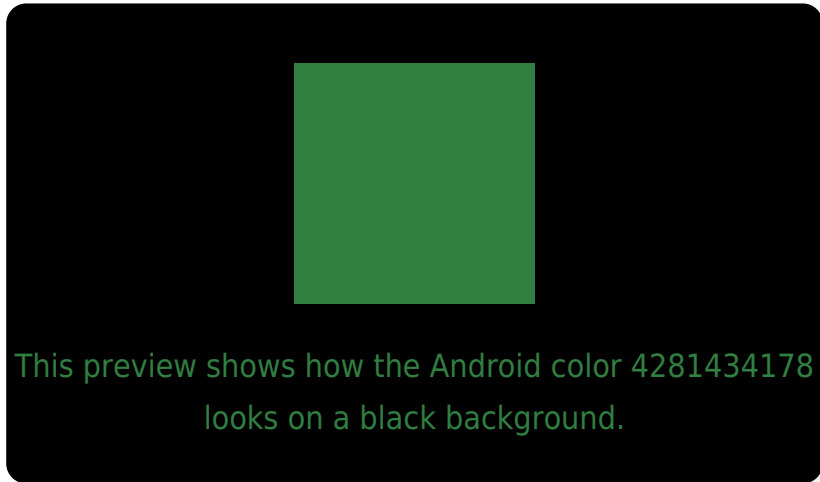
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

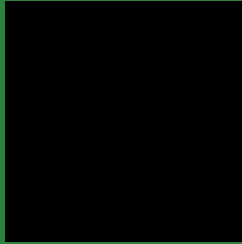
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281434178 Background



This preview shows how black text looks on a background with the Android color 4281434178.



This preview shows how white text looks on a background with the Android color 4281434178.

# 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**  
4281434178

**Protanopia**  
4286345276

**Deuteranopia**  
4287064903



# Trichromacy



**Original Color**  
4281434178

**Protanomaly**  
4284577342

**Deuteranomaly**  
4285035333

**Tritanomaly**  
4282154091

# Monochromacy



**Original Color**  
4281434178

**Achromatopsia**  
4284572001

**Achromatomaly**  
4283460694

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281434178 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(49, 128, 66)` looks like.

```
.text, #text, p{  
    color:rgb(49, 128, 66)  
}
```

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(49, 128, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 128, 66) }
```

## Border

The CSS property to change the border of an element to Android 4281434178 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(49, 128, 66) }
```

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

```
.border{ border-color:rgb(49, 128, 66) }
```

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

Here you see how a box with a 4 pixel rgb(49, 128, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 128, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 128, 66);  
box-shadow:4px 4px 4px 4px rgb(49, 128,  
66) }
```

# Background

The CSS property to change the background color of an element to Android 4281434178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 128, 66) }
```

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

```
.background{ background-color: rgb(49, 128,  
66) }
```

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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