

# Converting Colors

Android(4278235442)

Have a look what the booklet for  
Android(4278235442) contains.

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# **Color**

**Android(4278235442)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B132
RGB	0, 177, 50
RGB Percent	0%, 69%, 20%
CMY	1.0000, 0.3059, 0.8039
CMYK	1.00, 0.00, 0.72, 0.31
HSL	137°, 100%, 35%
HSV	137°, 100%, 69%
XYZ	16.2979, 31.6746, 8.2724
YIQ	109.5990, -64.7250, -77.0210

# Conversions

## Conversions Part 2

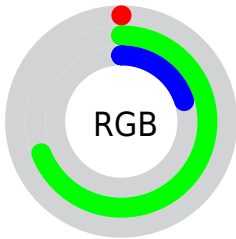
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 138, 177
Decimal	45362
CIELab	63.07, -63.05, 51.63
CIELCh	63, 81.491, 140.690
Yxy	31.6746, 0.2898, 0.5632
Android (android.graphics.Color)	4278235442 (0xFF00B132)
YUV	109.5990, -29.3823, -96.1183
Hunter-Lab	56.2802, -46.7995, 30.6813

# Details

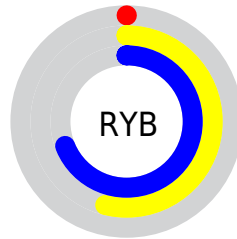
The Android color `4278235442` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4289790079`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4284476007`, and `4278221568` is the 20% darker color. If you saturate the color by 10%, you get `4278235442`, and if you desaturate by 10%, it is `4279415103`.

# Distribution



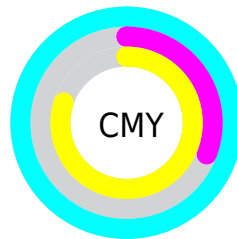
- Red (0%)
- Green (69%)
- Blue (20%)



- Red (0%)
- Yellow (54%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278235442 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 4278235442 by changing the saturation by 10% instead.



 4278235442

 4278235442

4294967295

 4278228243

 4284476007

 4278221568

 4286578562

 4278214656

 4288544670

 4278208256

 4290576313

 4278202368

 4292542422

 4278194944


 4294574067

 4278190080

 4278235442

 4279415103

 4280529227

 4281708888

 4282888549

 4284068209

 4285182334

 4286361995

 4287541656

 4288655780

# Harmonies

## Analogous

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



4287144960



4278235442



4278237055

# Triad

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



4278235442



4278233343



4294920554

# Complementary

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



4278235442



4289790079

# 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.



4294920114



4278235442



4284190719

# Square

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



4278235442



4278236671



4292373494



4294732836

# Rectangle

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



4278235442



4278237618



4292373494



4294918786



# Sweetspot

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



4278235442



4288800436



4286755072



4283003733



4294111986



4285756275



# Same Dimension

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



4278235442



4278249025



4278235528



4283455827



4278229291



4278196743



# Inverse Universe

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



4289790079



4293263525



4289789993



4284043351



4288217198

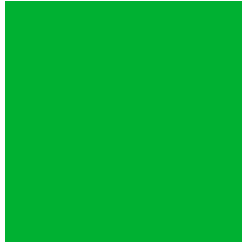


4279894034



# Previews

## White Background



This preview shows how the Android color 4278235442 looks on a white background.

## Color Contrast Check

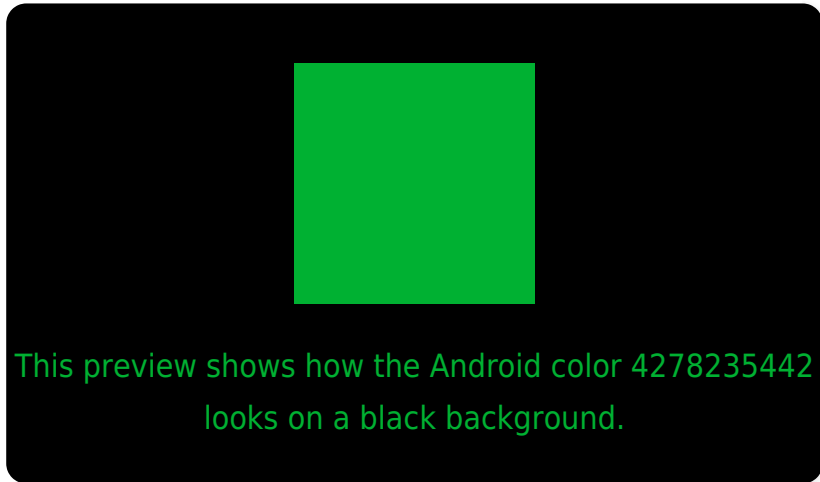
Large Text (above 18pt) WCAG AA × Fail

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 4278235442 Background



This preview shows how black text looks on a background with the Android color 4278235442.



This preview shows how white text looks on a background with the Android color 4278235442.

# 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**

4278235442



**Protanomaly**

4285309230



**Deuteranomaly**

4286094394



**Tritanomaly**

4281248132

# Monochromacy



**Original Color**

4278235442



**Achromatopsia**

4285427310



**Achromatomaly**

4282811992

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278235442 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(0, 177, 50)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 50)  
}
```

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(0, 177, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 50) }
```

## Border

The CSS property to change the border of an element to Android 4278235442 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(0, 177, 50) }
```

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

```
.border{ border-color:rgb(0, 177, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 177, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 50);  
box-shadow:4px 4px 4px 4px rgb(0, 177, 50)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278235442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 177, 50) }
```

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

```
.background{ background-color: rgb(0, 177,  
50) }
```

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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