

# Converting Colors

Android(4278234435)

Have a look what the booklet for  
Android(4278234435) contains.

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**Color**

**Android(4278234435)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AD43
RGB	0, 173, 67
RGB Percent	0%, 68%, 26%
CMY	1.0000, 0.3216, 0.7373
CMYK	1.00, 0.00, 0.61, 0.32
HSL	143°, 100%, 34%
HSV	143°, 100%, 68%
XYZ	15.9567, 30.2924, 10.3162
YIQ	109.1890, -69.0820, -69.6420

# Conversions

## Conversions Part 2

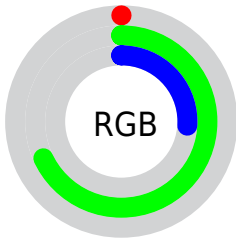
Format	Color
<a href="#">RYB</a>	<a href="#">0, 125, 173</a>
Decimal	<a href="#">44355</a>
CIELab	<a href="#">61.91, -59.97, 43.14</a>
CIELCh	<a href="#">62, 73.879, 144.269</a>
Yxy	<a href="#">30.2924, 0.2821, 0.5355</a>
Android (android.graphics.Color)	<a href="#">4278234435 (0xFF00AD43)</a>
YUV	<a href="#">109.1890, -20.7992, -95.7588</a>
Hunter-Lab	<a href="#">55.0385, -44.5669, 27.4139</a>

# Details

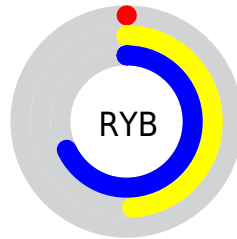
The Android color `4278234435` is a dark color, and the websafe version is hex `009933`, and the color name is `green (pantone)`. A complement of this color would be `4289527914`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4284343927`, and `4278220556` is the 20% darker color. If you saturate the color by 10%, you get `4278234435`, and if you desaturate by 10%, it is `4279348558`.

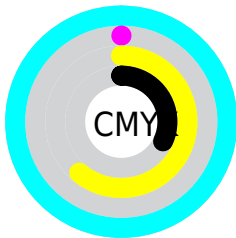
# Distribution



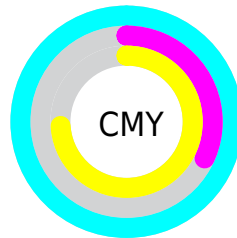
- Red (0%)
- Green (68%)
- Blue (26%)



- Red (0%)
- Yellow (49%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278234435 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 4278234435 by changing the saturation by 10% instead.



 4278234435

 4278234435

4294967295

 4278227497

 4284343927

 4278220556

 4286381969

 4278213888

 4288413612

 4278207488

 4290379720

 4278201600

 4292345829

 4278193408


 4294311935

 4278190080

 4278234435

 4279348558

 4280528216

 4281642339

 4282756461

 4283936120

 4285050243

 4286164365

 4287278488

 4288458146

# Harmonies

## Analogous

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



4286620160



4278234435



4278235782

# Triad

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



4278234435



4278231551



4294923620

# Complementary

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



4278234435



4289527914

# 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.



4294922149



4278234435



4286089983

# Square

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



4278234435



4278234879



4292307683



4293751335

# Rectangle

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



4278234435



4278236084



4292307683



4294922105



# Sweetspot

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



4278234435



4288536759



4285246720



4282937431



4293980400



4285558896



# Same Dimension

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



4278234435



4278247511



4278234521



4283324241



4278228538



4278195977



# Inverse Universe

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



4289527914



4292870281



4289527828



4283911763



4288020572



4279697422



# Previews

## White Background



This preview shows how the Android color 4278234435 looks on a white background.

## Color Contrast Check

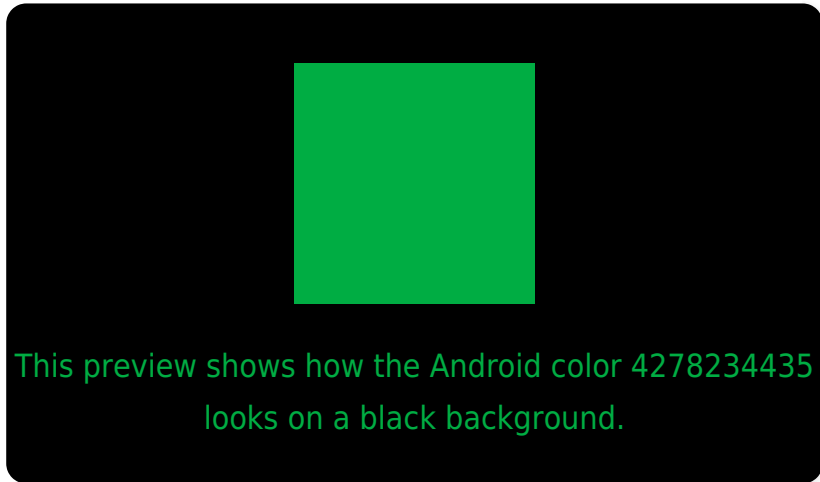
Large Text (above 18pt) WCAG AA × Fail

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 4278234435 Background



This preview shows how black text looks on a background with the Android color 4278234435.



This preview shows how white text looks on a background with the Android color 4278234435.

# 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**

4278234435



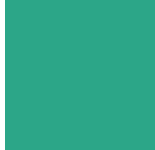
**Protanomaly**

4285177407



**Deuteranomaly**

4285831497



**Tritanomaly**

4281116296

# Monochromacy



**Original Color**

4278234435



**Achromatopsia**

4285361517



**Achromatomaly**

4282745950

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278234435 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, 173, 67)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 67)  
}
```

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, 173, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 67) }
```

## Border

The CSS property to change the border of an element to Android 4278234435 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, 173, 67) }
```

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

```
.border{ border-color:rgb(0, 173, 67) }
```

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

Here you see how a box with a 4 pixel rgb(0, 173, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 67);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 67)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278234435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 67) }
```

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

```
.background{ background-color: rgb(0, 173,  
67) }
```

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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