

# Converting Colors

Android(4278225442)

Have a look what the booklet for  
Android(4278225442) contains.

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# Color

**Android(4278225442)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008A22
RGB	0, 138, 34
RGB Percent	0%, 54%, 13%
CMY	1.0000, 0.4588, 0.8667
CMYK	1.00, 0.00, 0.75, 0.46
HSL	135°, 100%, 27%
HSV	135°, 100%, 54%
XYZ	9.3772, 18.2925, 4.5499
YIQ	84.8820, -48.8640, -61.6000

# Conversions

## Conversions Part 2

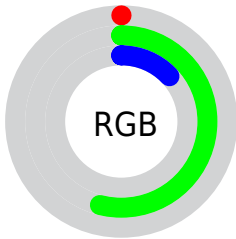
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 111, 138
Decimal	35362
CIELab	49.85, -52.79, 44.13
CIELCh	50, 68.809, 140.109
Yxy	18.2925, 0.2910, 0.5677
Android (android.graphics.Color)	4278225442 (0xFF008A22)
YUV	84.8820, -25.0848, -74.4415
Hunter-Lab	42.7697, -35.7110, 23.6314

# Details

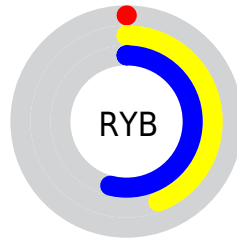
The Android color `4278225442` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4287234152`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4283679062`, and `4278212096` is the 20% darker color. If you saturate the color by 10%, you get `4278225442`, and if you desaturate by 10%, it is `4279142956`.

# Distribution



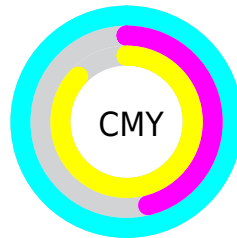
- Red (0%)
- Green (54%)
- Blue (13%)



- Red (0%)
- Yellow (44%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278225442 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 4278225442 by changing the saturation by 10% instead.



 4278225442

 4278225442

4294967295

 4278218754

 4283679062

 4278212096

 4285652335

 4278205952

 4287560330

 4278200320

 4289462181

 4278190080

 4291362753

 4293328861

 4294967290

 4278225442

 4279142956

 4280060471

 4280912449

 4281829964

 4282747478

 4283664992

 4284582507

 4285434485

 4286352000

# Harmonies

## Analogous

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



4285169664



4278225442



4278226785

# Triad

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



4278225442



4278223851



4292556114

# Complementary

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



4278225442



4287234152

# 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.



4292097165



4278225442



4282413286

# Square

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



4278225442



4278226384



4289221315



4291252761

# Rectangle

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



4278225442



4278227081



4289221315



4292620133



# Sweetspot

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



4278225442



4286428042



4285172224



4281948481



4292467161



4284045657



# Same Dimension

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



4278225442



4278235948



4278225509



4282271040



4278224161



4278191361



# Inverse Universe

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



4287234152



4289921159



4287234085



4282728003



4286906468

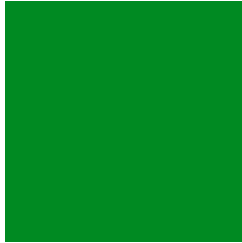


4278517764



# Previews

## White Background



This preview shows how the Android color 4278225442 looks on a white background.

## Color Contrast Check

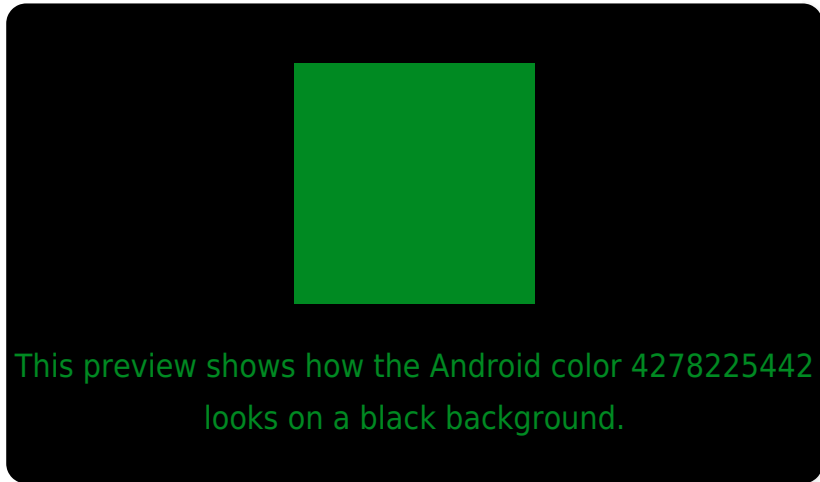
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4278225442 Background



This preview shows how black text looks on a background with the Android color 4278225442.



This preview shows how white text looks on a background with the Android color 4278225442.

# 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**  
4278225442

**Protanopia**  
4286936605

**Deuteranopia**  
4287852588



# Trichromacy



**Original Color**

4278225442



**Protanomaly**

4283792671



**Deuteranomaly**

4284381480



**Tritanomaly**

4280583269

# Monochromacy



**Original Color**

4278225442



**Achromatopsia**

4283782485



**Achromatomaly**

4281755714

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278225442 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, 138, 34)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 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(0, 138, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 34) }
```

## Border

The CSS property to change the border of an element to Android 4278225442 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, 138, 34) }
```

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

```
.border{ border-color:rgb(0, 138, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 138, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 34);  
box-shadow:4px 4px 4px 4px rgb(0, 138, 34)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278225442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 34) }
```

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

```
.background{ background-color: rgb(0, 138,  
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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