

# Converting Colors

Android(4278756142)

Have a look what the booklet for  
Android(4278756142) contains.

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# Color

**Android(4278756142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08A32E
RGB	8, 163, 46
RGB Percent	3%, 64%, 18%
CMY	0.9686, 0.3608, 0.8196
CMYK	0.95, 0.00, 0.72, 0.36
HSL	135°, 91%, 34%
HSV	135°, 95%, 64%
XYZ	13.6905, 26.4433, 6.9673
YIQ	103.3170, -54.8230, -69.2470

# Conversions

## Conversions Part 2

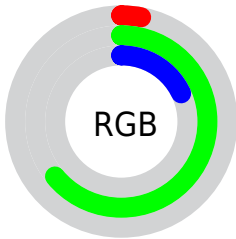
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 132, 163
Decimal	566062
CIELab	58.46, -58.83, 48.38
CIELCh	58, 76.166, 140.570
Yxy	26.4433, 0.2907, 0.5614
Android (android.graphics.Color)	4278756142 (0xFF08A32E)
YUV	103.3170, -28.2573, -83.5930
Hunter-Lab	51.4230, -42.4678, 27.9630

# Details

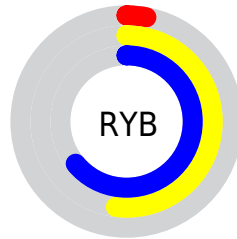
The Android color `4278756142` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4288874621`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284341091`, and `4278218240` is the 20% darker color. If you saturate the color by 10%, you get `4278231848`, and if you desaturate by 10%, it is `4279804730`.

# Distribution



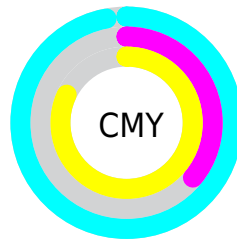
- Red (3%)
- Green (64%)
- Blue (18%)



- Red (3%)
- Yellow (52%)
- Blue (64%)



- Cyan (95%)
- Magenta (0%)
- Yellow (72%)
- Black (36%)



- Cyan (97%)
- Magenta (36%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278756142 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 4278756142 by changing the saturation by 10% instead.



 4278756142

 4278756142

4294967295

 4278224912

 4284341091

 4278218240

 4286380157

 4278211584

 4288282520

 4278205184

 4290248628

 4278199296

 4292214736

 4278190080

 4294180845


 4278756142

 4278756142

 4278231848

 4279804730

 4280918855

 4281967443

 4283016031

 4284064620

 4285178744

 4286227332

 4287275920

 4288390045

# Harmonies

## Analogous

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



4286486272



4278756142



4278233461

# Triad

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



4278756142



4278230015



4294919266

# Complementary

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



4278756142



4288874621

# 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.



4294460069



4278756142



4283729151

# Square

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



4278756142



4278233075



4291257314



4293485602

# Rectangle

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



4278756142



4278233763



4291257314



4294917752



# Sweetspot

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



4278756142



4288074917



4286554888



4282805071



4293651435



4285229931



# Same Dimension

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



4278756142



4278244404



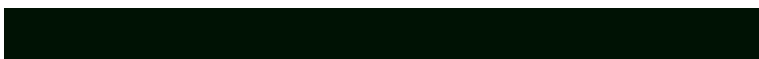
4278756218



4282995275



4278227236



4278194692



# Inverse Universe

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



4288874621



4292083872



4288874545



4283582800



4287692910

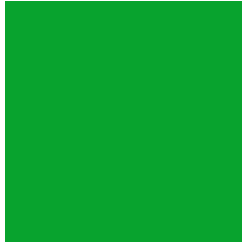


4279369741



# Previews

## White Background



This preview shows how the Android color 4278756142 looks on a white background.

## Color Contrast Check

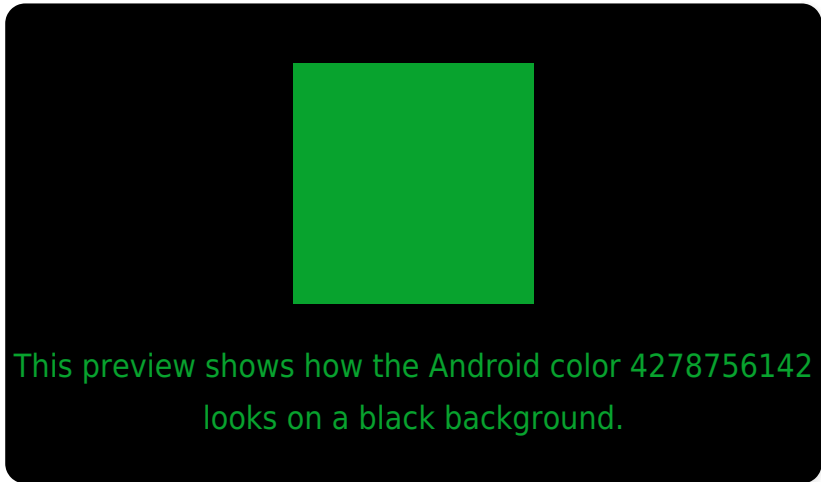
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278756142 Background



This preview shows how black text looks on a background with the Android color 4278756142.



This preview shows how white text looks on a background with the Android color 4278756142.

# 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**  
4278756142

**Protanopia**  
4288515112

**Deuteranopia**  
4289561913



# Trichromacy



**Original Color**

4278756142



**Protanomaly**

4284978218



**Deuteranomaly**

4285632565



**Tritanomaly**

4281244793

# Monochromacy



**Original Color**

4278756142



**Achromatopsia**

4284966759



**Achromatomaly**

4282678610

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278756142 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(8, 163, 46)` looks like.

```
.text, #text, p{  
    color:rgb(8, 163, 46)  
}
```

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(8, 163, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 163, 46) }
```

## Border

The CSS property to change the border of an element to Android 4278756142 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(8, 163, 46) }
```

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

```
.border{ border-color:rgb(8, 163, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 163, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 163, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 163, 46);  
box-shadow:4px 4px 4px 4px rgb(8, 163, 46)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278756142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 163, 46) }
```

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

```
.background{ background-color: rgb(8, 163,  
46) }
```

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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