

# Converting Colors

Android(4278838814)

Have a look what the booklet for  
Android(4278838814) contains.

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# **Color**

**Android(4278838814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09E61E
RGB	9, 230, 30
RGB Percent	4%, 90%, 12%
CMY	0.9647, 0.0980, 0.8824
CMYK	0.96, 0.00, 0.87, 0.10
HSL	126°, 92%, 47%
HSV	126°, 96%, 90%
XYZ	28.6438, 56.7454, 10.6716
YIQ	141.1210, -67.5160, -109.0520

# Conversions

## Conversions Part 2

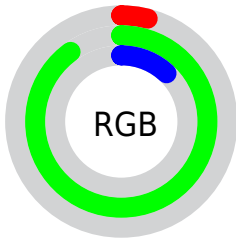
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 211, 230
Decimal	648734
CIELab	80.04, -78.73, 73.37
CIELCh	80, 107.613, 137.018
Yxy	56.7454, 0.2982, 0.5907
Android (android.graphics.Color)	4278838814 (0xFF09E61E)
YUV	141.1210, -54.7827, -115.8701
Hunter-Lab	75.3296, -63.9527, 44.3314

# Details

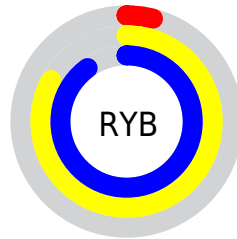
The Android color `4278838814` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4293265873`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4285726561`, and `4278234368` is the 20% darker color. If you saturate the color by 10%, you get `4278248982`, and if you desaturate by 10%, it is `4280346163`.

# Distribution



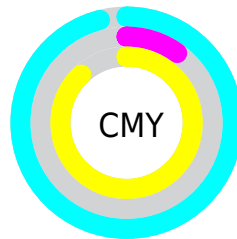
- Red (4%)
- Green (90%)
- Blue (12%)



- Red (4%)
- Yellow (83%)
- Blue (90%)



- Cyan (96%)
- Magenta (0%)
- Yellow (87%)
- Black (10%)



- Cyan (96%)
- Magenta (10%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278838814 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 4278838814 by changing the saturation by 10% instead.





4278838814



4278838814

4294967295



4278241536



4285726561



4278234368



4287954814



4278227200



4290117531



4278220288



4292214712



4278213376



4294311894



4278206976



4294967283



4278200320



4278190080



4278838814



4278838814

 4278248982

 4280346163

 4281853512

 4283360860

 4284868209

 4286375558

 4287882907

 4289390256

 4290897605

 4292404953

# Harmonies

## Analogous

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



4290433792



4278838814



4278251414

# Triad

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



4278838814



4278247423



4294919826

# Complementary

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



4278838814



4293265873

# 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.



4294921719



4278838814



4278239231

# Square

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



4278838814



4278251263



4294937855



4294934574

# Rectangle

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



4278838814



4278251996



4294937855



4294917043

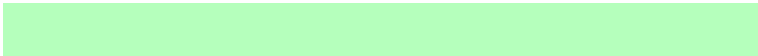


# Sweetspot

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



4278838814



4290117564



4292142601



4283662423



4278190080



4286611584



# Same Dimension

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



4278838814



4278255384



4278838922



4284969832



4278235921



4278203141



# Inverse Universe

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



4293265873



4294901991



4293265765



4285753202



4289921186

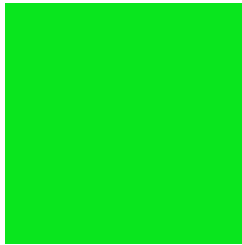


4281532462



# Previews

## White Background



This preview shows how the Android color 4278838814 looks on a white background.

## Color Contrast Check

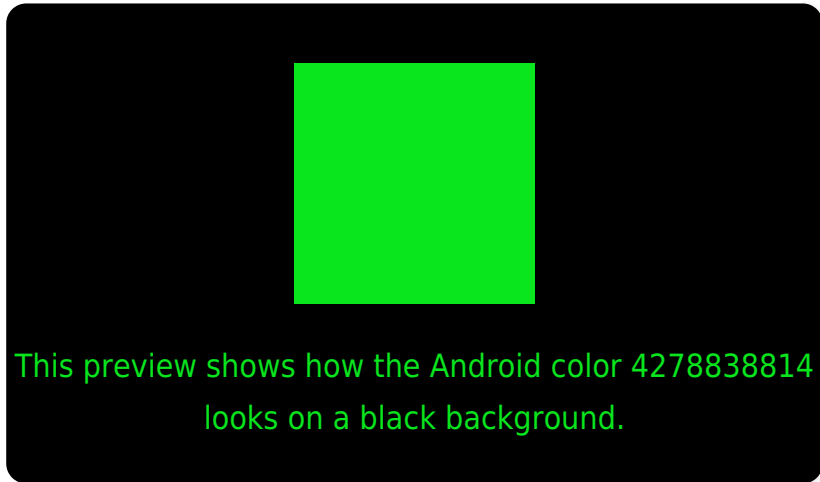
Large Text (above 18pt) WCAG AA × Fail

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

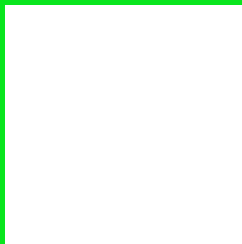
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278838814 Background



This preview shows how black text looks on a background with the Android color 4278838814.



This preview shows how white text looks on a background with the Android color 4278838814.

# 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



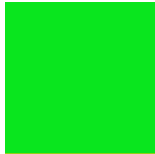
**Original Color**  
4278838814

**Protanopia**  
4292789523

**Deuteranopia**  
4294425401



# Trichromacy



**Original Color**

4278838814



**Protanomaly**

4287746327



**Deuteranomaly**

4288727855



**Tritanomaly**

4282440862

# Monochromacy



**Original Color**

4278838814



**Achromatopsia**

4287466893



**Achromatomaly**

4284329317

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278838814 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(9, 230, 30)` looks like.

```
.text, #text, p{  
    color:rgb(9, 230, 30)  
}
```

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(9, 230, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 230, 30) }
```

## Border

The CSS property to change the border of an element to Android 4278838814 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(9, 230, 30) }
```

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

```
.border{ border-color:rgb(9, 230, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 230, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 230, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 230, 30);  
box-shadow:4px 4px 4px 4px rgb(9, 230, 30)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278838814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 230, 30) }
```

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

```
.background{ background-color: rgb(9, 230,  
30) }
```

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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