

# Converting Colors

Android(4278245678)

Have a look what the booklet for  
Android(4278245678) contains.

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**Color**

**Android(4278245678)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D92E
RGB	0, 217, 46
RGB Percent	0%, 85%, 18%
CMY	1.0000, 0.1490, 0.8196
CMYK	1.00, 0.00, 0.79, 0.15
HSL	133°, 100%, 43%
HSV	133°, 100%, 85%
XYZ	25.3060, 49.8230, 10.8678
YIQ	132.6230, -74.4410, -99.1850

# Conversions

## Conversions Part 2

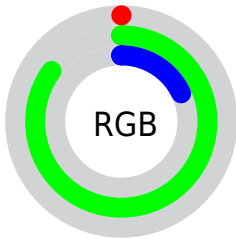
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 179, 217
Decimal	55598
CIELab	75.96, -74.72, 65.78
CIELCh	76, 99.549, 138.641
Yxy	49.8230, 0.2943, 0.5794
Android (android.graphics.Color)	4278245678 (0xFF00D92E)
YUV	132.6230, -42.7051, -116.3104
Hunter-Lab	70.5854, -59.5293, 40.2811

# Details

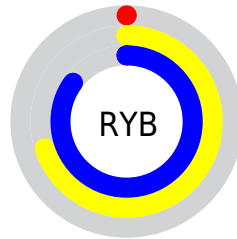
The Android color **4278245678** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **4292411563**, and the grayscale version is **4286940549**.

A 20% lighter version of the original color is **4285333353**, and **4278231040** is the 20% darker color. If you saturate the color by 10%, you get **4278245678**, and if you desaturate by 10%, it is **4279687487**.

# Distribution



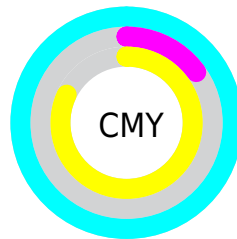
- Red (0%)
- Green (85%)
- Blue (18%)



- Red (0%)
- Yellow (70%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278245678 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 4278245678 by changing the saturation by 10% instead.



 4278245678

 4278245678

4294967295

 4278238208

 4285333353

 4278231040

 4287561605

 4278224128

 4289658786

 4278217216

 4291690430

 4278210560

 4293787611

 4278204416

 4294967289

 4278197504

 4278190080

 4278245678

 4279687487

 4281063760

 4282505569


 4283947378

 4285389188

 4286765461

 4288207270

 4289649079

 4291025352

# Harmonies

## Analogous

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



4289513472



4278245678



4278247828

# Triad

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



4278245678



4278243839



4294921863

# Complementary

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



4278245678



4292411563

# 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.



4294922210



4278245678



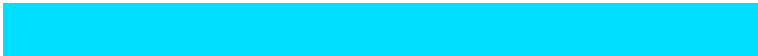
4283216639

# Square

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



4278245678



4278247423



4294935551



4294934316

# Rectangle

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



4278245678



4278248404



4294935551



4294919589

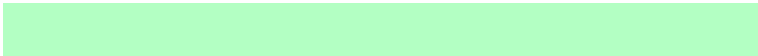


# Sweetspot

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



4278245678



4289986499



4289648896



4283596891



4278190080



4286611584



# Same Dimension

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



4278245678



4278255414



4278245784



4284706405



4278234405



4278201866



# Inverse Universe

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



4292411563



4294901961



4292411457



4285424491



4289527945

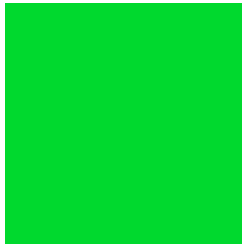


4281204772



# Previews

## White Background



This preview shows how the Android color 4278245678 looks on a white background.

## Color Contrast Check

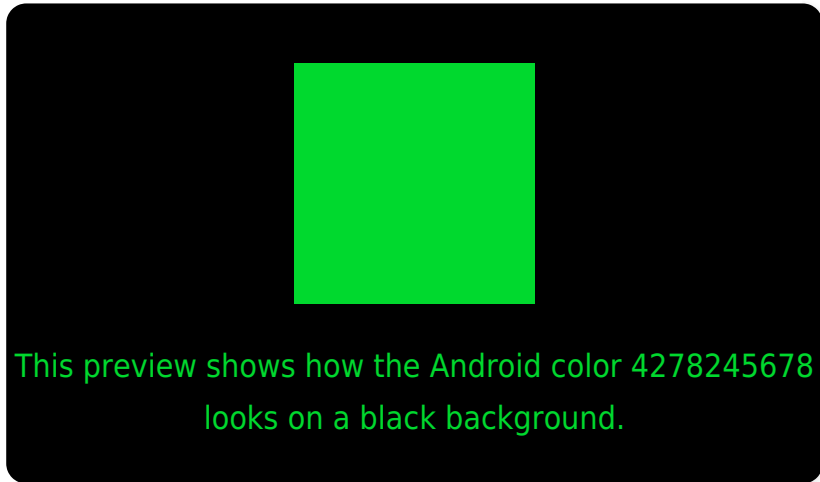
Large Text (above 18pt) WCAG AA × Fail

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 4278245678 Background



This preview shows how black text looks on a background with the Android color 4278245678.



This preview shows how white text looks on a background with the Android color 4278245678.

# 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](#).

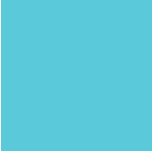
## Dichromacy



**Original Color**  
4278245678

**Protanopia**  
4291934758

**Deuteranopia**  
4293439553



**Tritanopia**  
4284140251

# Trichromacy



**Original Color**

4278245678



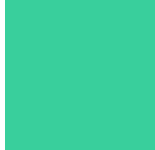
**Protanomaly**

4286956841



**Deuteranomaly**

4287938362



**Tritanomaly**

4281978780

# Monochromacy



**Original Color**

4278245678



**Achromatopsia**

4286940549



**Achromatomaly**

4283802725

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278245678 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, 217, 46)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 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(0, 217, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 46) }
```

## Border

The CSS property to change the border of an element to Android 4278245678 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, 217, 46) }
```

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

```
.border{ border-color:rgb(0, 217, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 46);  
box-shadow:4px 4px 4px 4px rgb(0, 217, 46)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278245678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 46) }
```

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

```
.background{ background-color: rgb(0, 217,  
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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