

# Converting Colors

Android(4278251336)

Have a look what the booklet for  
Android(4278251336) contains.

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# **Color**

**Android(4278251336)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EF48
RGB	0, 239, 72
RGB Percent	0%, 94%, 28%
CMY	1.0000, 0.0627, 0.7176
CMYK	1.00, 0.00, 0.70, 0.06
HSL	138°, 100%, 47%
HSV	138°, 100%, 94%
XYZ	32.0362, 62.2009, 16.4484
YIQ	148.5010, -88.8370, -102.6050

# Conversions

## Conversions Part 2

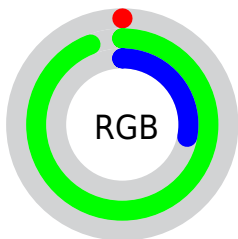
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 184, 239
Decimal	61256
CIELab	83.02, -78.84, 64.21
CIELCh	83, 101.681, 140.842
Yxy	62.2009, 0.2894, 0.5620
Android (android.graphics.Color)	4278251336 (0xFF00EF48)
YUV	148.5010, -37.7150, -130.2354
Hunter-Lab	78.8675, -65.5110, 42.8419

# Details

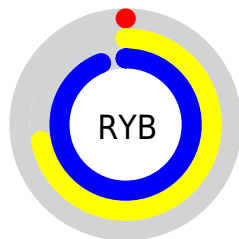
The Android color **4278251336** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **4293853351**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4285661056**, and **4278236416** is the 20% darker color. If you saturate the color by 10%, you get **4278251336**, and if you desaturate by 10%, it is **4279824217**.

# Distribution



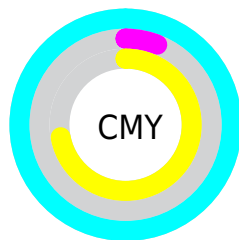
- Red (0%)
- Green (94%)
- Blue (28%)



- Red (0%)
- Yellow (72%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278251336 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 4278251336 by changing the saturation by 10% instead.



 4278251336

 4278251336

4294967295

 4278243881

 4285661056

 4278236416

 4287954845

 4278229248

 4290117561

 4278222336

 4292214742

 4278215424

 4294311924

 4278208768

 4278202368

 4278194688

 4278190080

 4278251336

 4279824217

 4281397097

 4282969978

 4284542859

 4286050203

 4287623084

 4289195965

 4290768846

 4292341726

# Harmonies

## Analogous

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



4290371072



4278251336



4278253485

# Triad

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



4278251336



4278248447



4294928017

# Complementary

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



4278251336



4293853351

# 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.



4294927344



4278251336



4286628607

# Square

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



4278251336



4278252799



4294939391



4294939956

# Rectangle

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



4278251336



4278254064



4294939391



4294925744

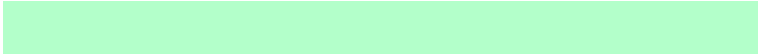


# Sweetspot

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



4278251336



4289986506



4289195776



4283596895



4278190080



4286611584



# Same Dimension

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



4278251336



4278255437



4278251455



4285298799



4278237239



4278204433



# Inverse Universe

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



4293853351



4294901938



4293853232



4286082164



4290248832

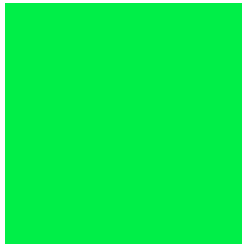


4281860135



# Previews

## White Background



This preview shows how the Android color 4278251336 looks on a white background.

## Color Contrast Check

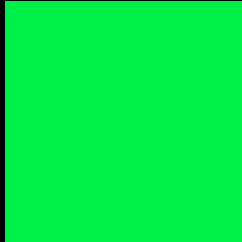
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4278251336 looks on a 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 4278251336 Background



This preview shows how black text looks on a background with the Android color 4278251336.

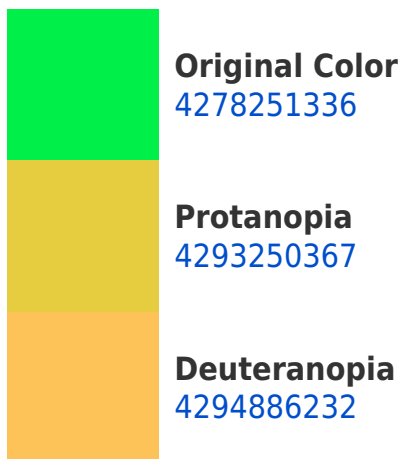


This preview shows how white text looks on a background with the Android color 4278251336.

# 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**

4278251336



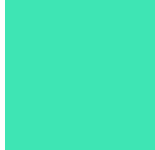
**Protanomaly**

4287813954



**Deuteranomaly**

4288861010



**Tritanomaly**

4282312116

# Monochromacy



**Original Color**

4278251336



**Achromatopsia**

4287993237



**Achromatomaly**

4284462713

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278251336 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, 239, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 239, 72)  
}
```

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, 239, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 239, 72) }
```

## Border

The CSS property to change the border of an element to Android 4278251336 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, 239, 72) }
```

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

```
.border{ border-color:rgb(0, 239, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 239, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 239, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 239, 72);  
box-shadow:4px 4px 4px 4px rgb(0, 239, 72)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278251336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 239, 72) }
```

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

```
.background{ background-color: rgb(0, 239,  
72) }
```

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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