

# Converting Colors

Android(4288277318)

Have a look what the booklet for  
Android(4288277318) contains.

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# **Color**

**Android(4288277318)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99EB46
RGB	153, 235, 70
RGB Percent	60%, 92%, 27%
CMY	0.4000, 0.0784, 0.7255
CMYK	0.35, 0.00, 0.70, 0.08
HSL	90°, 80%, 60%
HSV	90°, 70%, 92%
XYZ	43.9507, 66.6312, 16.3390
YIQ	191.6720, 4.0930, -68.6990

# Conversions

## Conversions Part 2

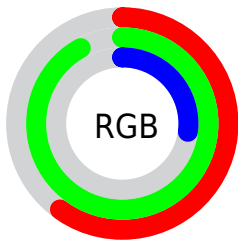
Format	Color
<a href="#">RYB</a>	<a href="#">70, 235, 152</a>
Decimal	<a href="#">10087238</a>
CIELab	<a href="#">85.32, -50.07, 68.40</a>
CIELCh	<a href="#">85, 84.770, 126.202</a>
Yxy	<a href="#">66.6312, 0.3463, 0.5250</a>
Android (android.graphics.Color)	<a href="#">4288277318</a> ( <a href="#">0xFF99EB46</a> )
YUV	<a href="#">191.6720, -59.9843, -33.9153</a>
Hunter-Lab	<a href="#">81.6279, -46.7396, 45.2718</a>

# Details

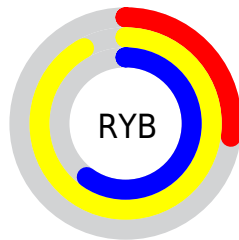
The Android color **4288277318** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **4288169707**, and the grayscale version is **4290822336**.

A 20% lighter version of the original color is **4292149119**, and **4284461824** is the 20% darker color. If you saturate the color by 10%, you get **4287490863**, and if you desaturate by 10%, it is **4289063774**.

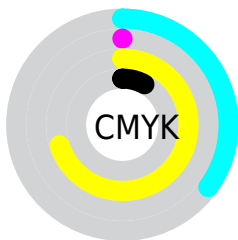
# Distribution



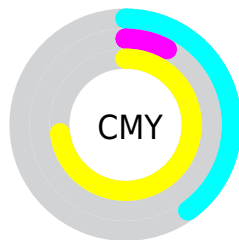
- Red (60%)
- Green (92%)
- Blue (27%)



- Red (27%)
- Yellow (92%)
- Blue (60%)



- Cyan (35%)
- Magenta (0%)
- Yellow (70%)
- Black (8%)



- Cyan (40%)
- Magenta (8%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288277318 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 4288277318 by changing the saturation by 10% instead.



 4288277318

 4288277318

4294967295

 4286369318

 4292149119

 4284461824

 4294115227

 4282423040

 4294967224

 4280057088

 4294967253

 4278215424

 4294967283

 4278209024

 4278203136

 4278196992

 4278190080

■ 4288277318

■ 4288277318

■ 4287490863

■ 4289063774

■ 4286769943

■ 4289784693

■ 4285983488

■ 4290571149

■ 4291357604

■ 4292078523

■ 4292864979

■ 4293651435

■ 4294372351

■ 4294962175

# Harmonies

## Analogous

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



4293842699



4288277318



4278253201

# Triad

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



4288277318



4278251519



4294936008

# Complementary

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



4288277318



4288169707

# 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.



4294940159



4288277318



4278245887

# Square

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



4288277318



4278254079



4293769471



4294940539

# Rectangle

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



4288277318



4278254280



4293769471



4294936291

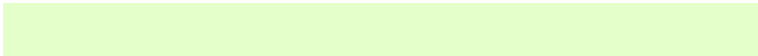


# Sweetspot

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



4288277318



4293197769



4293629510



4285562976



4278190080



4286611584



# Same Dimension

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



4288277318



4288020265



4283034438



4285494634



4284200192



4279973376



# Inverse Universe

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



4288169707



4287834623



4293412587



4285491829



4284088501

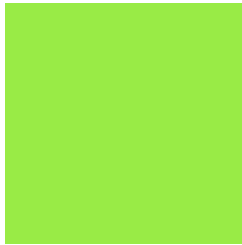


4279959606



# Previews

## White Background



This preview shows how the Android color 4288277318 looks on a white background.

## Color Contrast Check

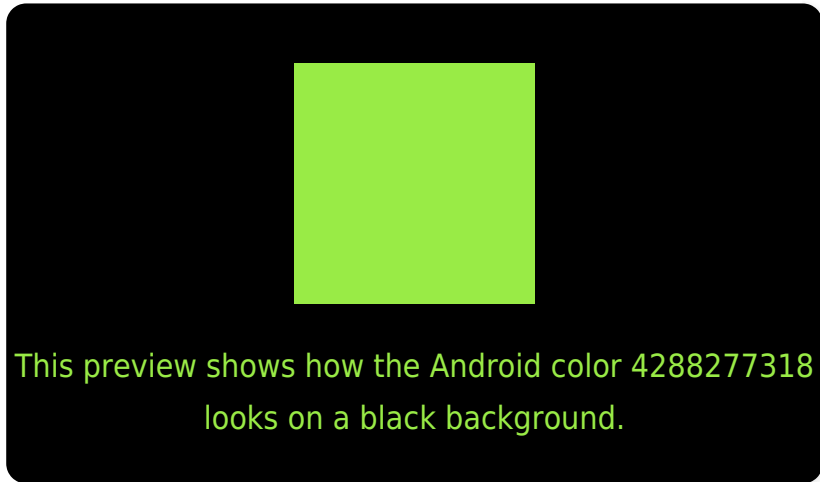
Large Text (above 18pt) WCAG AA × Fail

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 4288277318 Background



This preview shows how black text looks on a background with the Android color 4288277318.



This preview shows how white text looks on a background with the Android color 4288277318.

# 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



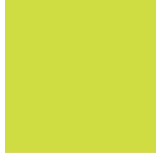


**Tritanopia**  
4289780717

# Trichromacy



**Original Color**  
4288277318



**Protanomaly**  
4291812418



**Deuteranomaly**  
4292532070

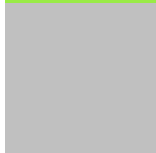


**Tritanomaly**  
4289257904

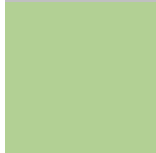
# Monochromacy



**Original Color**  
4288277318



**Achromatopsia**  
4290822336



**Achromatomaly**  
4289908884

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288277318 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(153, 235, 70)` looks like.

```
.text, #text, p{  
    color:rgb(153, 235, 70)  
}
```

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(153, 235, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 235, 70) }
```

## Border

The CSS property to change the border of an element to Android 4288277318 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(153, 235, 70) }
```

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

```
.border{ border-color:rgb(153, 235, 70) }
```

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

Here you see how a box with a 4 pixel rgb(153, 235, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 235, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 235, 70);  
box-shadow:4px 4px 4px 4px rgb(153, 235,  
70) }
```

# Background

The CSS property to change the background color of an element to Android 4288277318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 235, 70) }
```

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

```
.background{ background-color: rgb(153,  
235, 70) }
```

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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