

# Converting Colors

Android(4288276480)

Have a look what the booklet for  
Android(4288276480) contains.

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# **Color**

**Android(4288276480)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99E800
RGB	153, 232, 0
RGB Percent	60%, 91%, 0%
CMY	0.4000, 0.0902, 1.0000
CMYK	0.34, 0.00, 1.00, 0.09
HSL	80°, 100%, 45%
HSV	80°, 100%, 91%
XYZ	41.9935, 64.4855, 10.2337
YIQ	181.9310, 27.3880, -88.9000

# Conversions

## Conversions Part 2

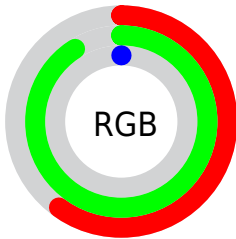
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 232, 79
Decimal	10086400
CIELab	84.22, -51.16, 81.86
CIELCh	84, 96.527, 122.003
Yxy	64.4855, 0.3598, 0.5525
Android (android.graphics.Color)	4288276480 (0xFF99E800)
YUV	181.9310, -89.6920, -25.3725
Hunter-Lab	80.3029, -47.1855, 48.6562

# Details

The Android color **4288276480** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **4283367656**, and the grayscale version is **4290230199**.

A 20% lighter version of the original color is **4292214617**, and **4284329984** is the 20% darker color. If you saturate the color by 10%, you get **4288276480**, and if you desaturate by 10%, it is **4288800791**.

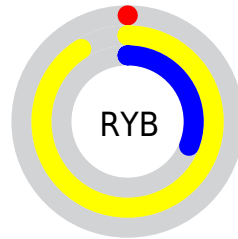
# Distribution



Red (60%)

Green (91%)

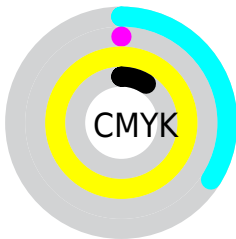
Blue (0%)



Red (0%)

Yellow (91%)

Blue (31%)

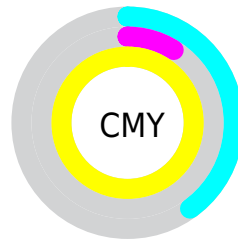


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (40%)

Magenta (9%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288276480 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 4288276480 by changing the saturation by 10% instead.



 4288276480	 4288276480
4294967295	 4286303232
 4292214617	 4284329984
 4294180727	 4282225920
 4294967189	 4279663104
 4294967218	 4278214912
 4294967248	 4278208512
 4294967278	 4278202624
	 4278195968
	 4278190080

 4288276480

 4288800791

 4289325102

 4289849414

 4290373725

 4290832500

 4291356811

 4291881122

 4292405434

 4292929745

# Harmonies

## Analogous

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



4294365184



4288276480



4278252919

# Triad

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



4288276480



4278252031



4294929616

# Complementary

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



4288276480



4283367656

# 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.



4294937087



4288276480



4278246399

# Square

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



4288276480



4278254335



4292196351



4294934903

# Rectangle

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



4288276480



4278254262



4292196351



4294930927

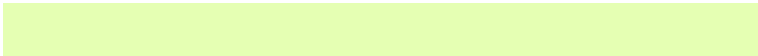


# Sweetspot

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



4288276480



4293263283



4293414144



4285562962



4278190080



4286611584



# Same Dimension

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



4288276480



4289265408



4280805376



4285494119



4285969152



4280431360



# Inverse Universe

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



4283367656



4283891967



4290838760



4285228915



4282187955

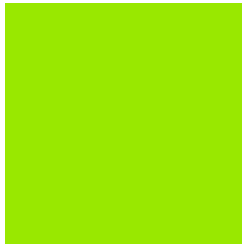


4279304243



# Previews

## White Background



This preview shows how the Android color 4288276480 looks on a white background.

## Color Contrast Check

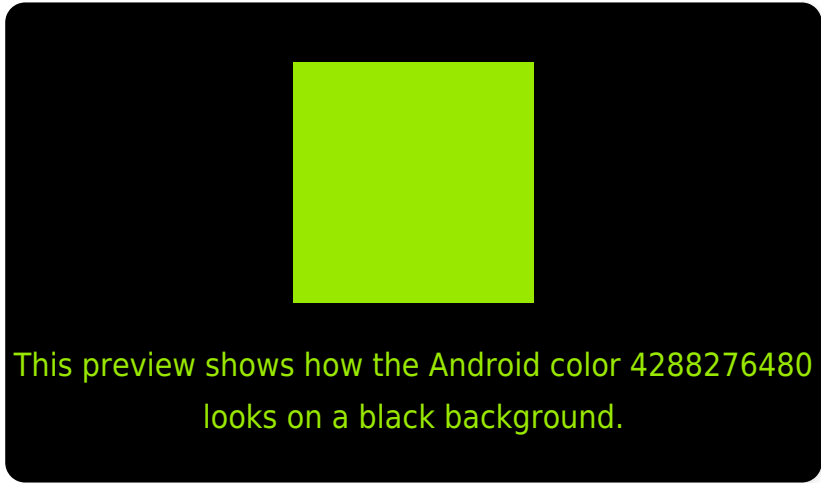
Large Text (above 18pt) WCAG AA × Fail

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 4288276480 Background



This preview shows how black text looks on a background with the Android color 4288276480.

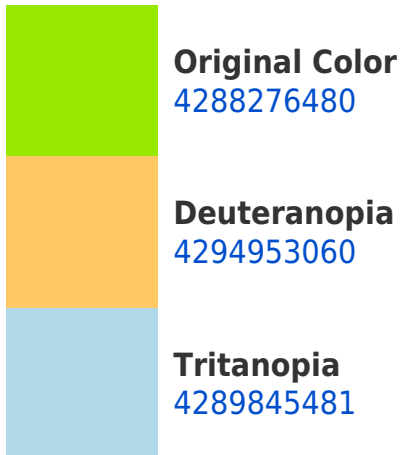


This preview shows how white text looks on a background with the Android color 4288276480.

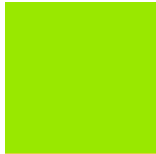
# Color Blindness Simulation

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

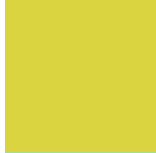


# Trichromacy



**Original Color**

4288276480



**Deuteranomaly**

4292531264



**Tritanomaly**

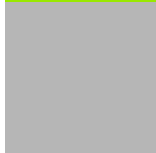
4289257108

# Monochromacy



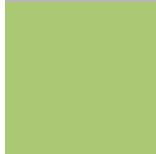
**Original Color**

4288276480



**Achromatopsia**

4290164406



**Achromatomaly**

4289448052

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288276480 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, 232, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 232, 0)  
}
```

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, 232, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 232, 0) }
```

## Border

The CSS property to change the border of an element to Android 4288276480 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, 232, 0) }
```

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

```
.border{ border-color:rgb(153, 232, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 232, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 232, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 232, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 232,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4288276480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 232, 0) }
```

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

```
.background{ background-color: rgb(153,  
232, 0) }
```

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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