

# Converting Colors

Android(4288741246)

Have a look what the booklet for  
Android(4288741246) contains.

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# **Color**

**Android(4288741246)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0FF7E
RGB	160, 255, 126
RGB Percent	63%, 100%, 49%
CMY	0.3725, 0.0000, 0.5059
CMYK	0.37, 0.00, 0.51, 0.00
HSL	104°, 100%, 75%
HSV	104°, 51%, 100%
XYZ	54.0231, 80.4999, 32.4294
YIQ	211.8890, -15.2110, -60.2590

# Conversions

## Conversions Part 2

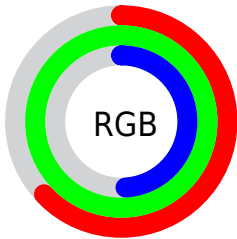
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">126, 255, 221</a>
Decimal	<a href="#">10551166</a>
CIELab	<a href="#">91.91, -50.95, 52.49</a>
CIELCh	<a href="#">92, 73.147, 134.149</a>
Yxy	<a href="#">80.4999, 0.3236, 0.4822</a>
Android (android.graphics.Color)	<a href="#">4288741246 (0xFFA0FF7E)</a>
YUV	<a href="#">211.8890, -42.3433, -45.5067</a>
Hunter-Lab	<a href="#">89.7218, -49.5350, 41.3752</a>

# Details

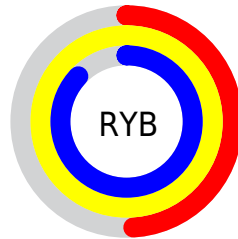
The Android color `4288741246` is a light color, and the websafe version is hex `99FF66`. A complement of this color would be `4292706047`, and the grayscale version is `4292138196`.

A 20% lighter version of the original color is `4292542389`, and `4284925513` is the 20% darker color. If you saturate the color by 10%, you get `4287496037`, and if you desaturate by 10%, it is `4289986456`.

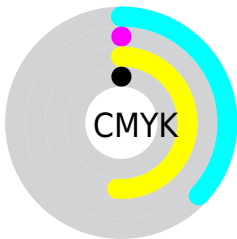
# Distribution



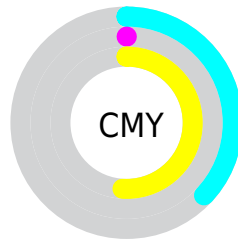
- Red (63%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (87%)



- Cyan (37%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288741246 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 4288741246 by changing the saturation by 10% instead.



 4288741246

 4288741246

4294967295

 4286833251

 4292542389

 4284925513

 4294508497

 4283017774

 4294967278

 4280848140

 4278219776

 4278213376

 4278206976

 4278201600

 4278193408

 4288741246

 4288741246

 4287496037

 4289986456

 4286250827

 4291231665

 4285071153

 4292411339

 4283825944

 4293656548

 4282646272

4294901758

4294967295

# Harmonies

## Analogous

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



4293914454



4288741246



4278255551

# Triad

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



4288741246



4278254335



4294945481

# Complementary

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



4288741246



4292706047

# Split Complementary

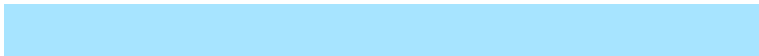
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294946815



4288741246



4289193215

# Square

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



4288741246



4278255615



4294952959



4294950025

# Rectangle

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



4288741246



4278255600



4294952959



4294945249

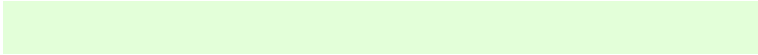


# Sweetspot

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



4288741246



4293132249



4294958462



4285497449



4278190080



4286611584



# Same Dimension

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



4288741246



4287430499



4286513052



4285956211



4281515776



4279320576



# Inverse Universe

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



4292706047



4292240383



4294934241



4286346112



4287430847

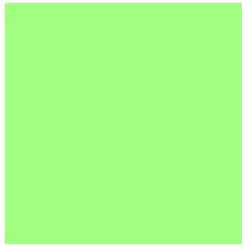


4281270336



# Previews

## White Background



This preview shows how the Android color 4288741246 looks on a white background.

## Color Contrast Check

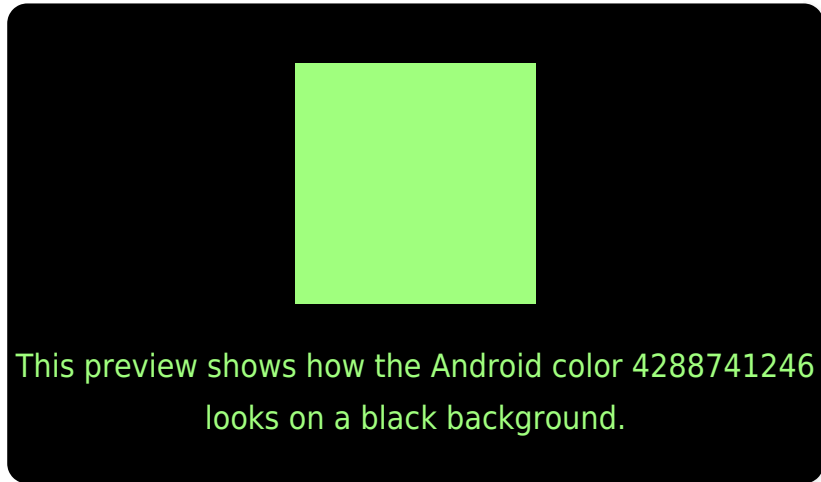
Large Text (above 18pt) WCAG AA × Fail

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

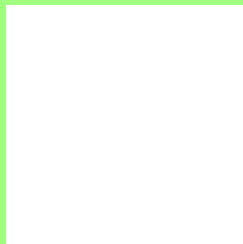
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288741246 Background



This preview shows how black text looks on a background with the Android color 4288741246.



This preview shows how white text looks on a background with the Android color 4288741246.

# 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



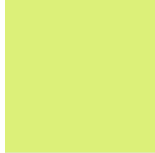


**Tritanopia**  
4290834431

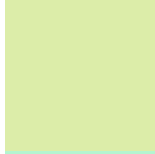
# Trichromacy



**Original Color**  
4288741246



**Protanomaly**  
4292669561

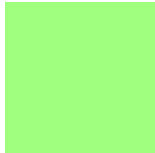


**Deuteranomaly**  
4292668841

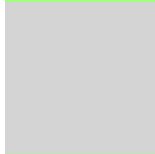


**Tritanomaly**  
4290049488

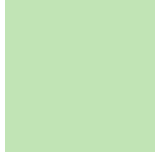
# Monochromacy



**Original Color**  
4288741246



**Achromatopsia**  
4292138196



**Achromatomaly**  
4290897077

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288741246 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(160, 255, 126)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 126)  
}
```

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(160, 255, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 126) }
```

## Border

The CSS property to change the border of an element to Android 4288741246 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(160, 255, 126) }
```

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

```
.border{ border-color:rgb(160, 255, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 255, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 255, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 255, 126);  
box-shadow:4px 4px 4px 4px rgb(160, 255,  
126) }
```

# Background

The CSS property to change the background color of an element to Android 4288741246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 255, 126) }
```

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

```
.background{ background-color: rgb(160,  
255, 126) }
```

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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