

# Converting Colors

Android(4286246746)

Have a look what the booklet for  
Android(4286246746) contains.

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# **Color**

**Android(4286246746)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AEF5A
RGB	122, 239, 90
RGB Percent	48%, 94%, 35%
CMY	0.5216, 0.0627, 0.6471
CMYK	0.49, 0.00, 0.62, 0.06
HSL	107°, 82%, 65%
HSV	107°, 62%, 94%
XYZ	40.7380, 66.6088, 20.3825
YIQ	187.0310, -21.9030, -71.1430

# Conversions

## Conversions Part 2

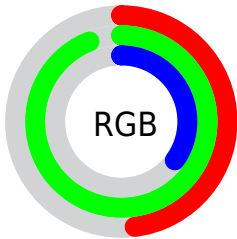
Format	Color
<a href="#">RYB</a>	<a href="#">90, 239, 207</a>
Decimal	<a href="#">8056666</a>
CIELab	<a href="#">85.31, -59.68, 60.26</a>
CIELCh	<a href="#">85, 84.808, 134.724</a>
Yxy	<a href="#">66.6088, 0.3189, 0.5215</a>
Android (android.graphics.Color)	<a href="#">4286246746 (0xFF7AEF5A)</a>
YUV	<a href="#">187.0310, -47.8363, -57.0322</a>
Hunter-Lab	<a href="#">81.6142, -53.7259, 42.3227</a>

# Details

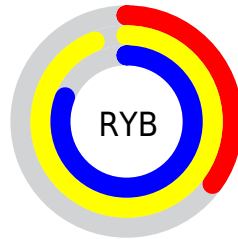
The Android color **4286246746** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **4291779311**, and the grayscale version is **4290559164**.

A 20% lighter version of the original color is **4290183057**, and **4282037791** is the 20% darker color. If you saturate the color by 10%, you get **4285001538**, and if you desaturate by 10%, it is **4287491954**.

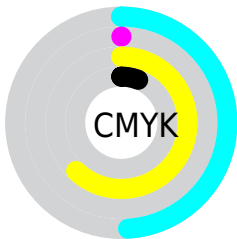
# Distribution



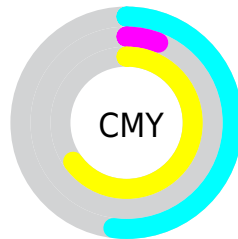
- Red (48%)
- Green (94%)
- Blue (35%)



- Red (35%)
- Yellow (94%)
- Blue (81%)



- Cyan (49%)
- Magenta (0%)
- Yellow (62%)
- Black (6%)




- Cyan (52%)
- Magenta (6%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286246746 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 4286246746 by changing the saturation by 10% instead.



 4286246746	 4286246746
4294967295	 4284207678
 4290183057	 4282037791
 4292149165	 4278360576
 4294115274	 4278222848
 4294967271	 4278215936
	 4278209536
	 4278203648
	 4278196992
	 4278190080

 4286246746

 4286246746

 4285001538


 4287491954


 4283756330

 4288737162

 4282576658

 4289916834

 4281593600

 4291162042

 4292407250

 4293652457

 4294832127

 4294963199

# Harmonies

## Analogous

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



4292402711



4286246746



4278253736

# Triad

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



4286246746



4278250239



4294936497

# Complementary

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



4286246746



4291779311

# 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.



4294938111



4286246746



4286304767

# Square

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



4286246746



4278253567



4294946559



4294943079

# Rectangle

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



4286246746



4278254560



4294946559



4294936012

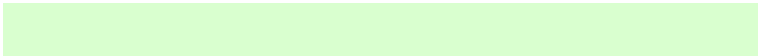


# Sweetspot

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



4286246746



4292476879



4293906266



4285038690



4278190080



4286611584



# Same Dimension

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



4286246746



4285136704



4284149636



4285429868



4280793088



4278990848



# Inverse Universe

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



4291779311



4292231423



4293876421



4285885560



4287627448

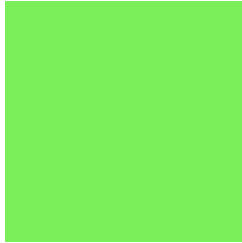


4281073720



# Previews

## White Background



This preview shows how the Android color 4286246746 looks on a white background.

## Color Contrast Check

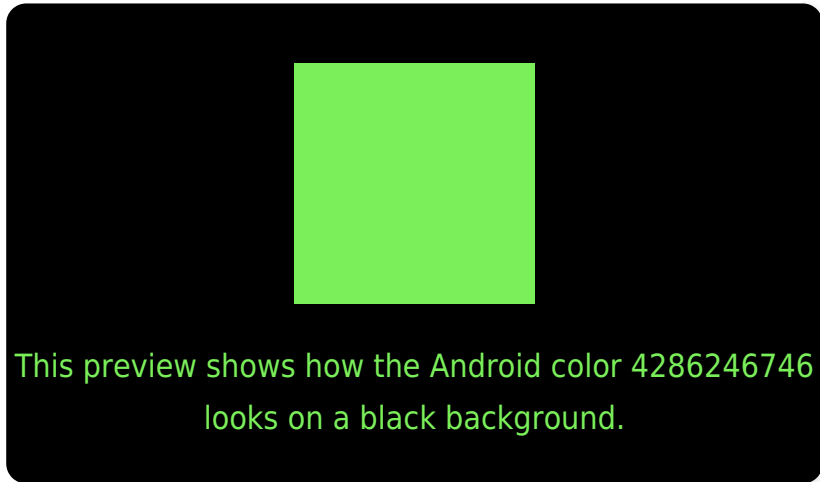
Large Text (above 18pt) WCAG AA × Fail

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 4286246746 Background



This preview shows how black text looks on a background with the Android color 4286246746.

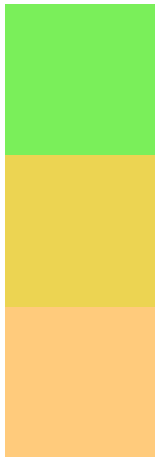


This preview shows how white text looks on a background with the Android color 4286246746.

# 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**  
4286246746

**Protanopia**  
4293710930

**Deuteranopia**  
4294953852



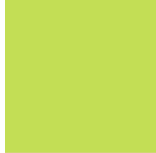
**Tritanopia**  
4288143602

# Trichromacy



**Original Color**

4286246746



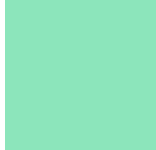
**Protanomaly**

4291026517



**Deuteranomaly**

4291811440



**Tritanomaly**

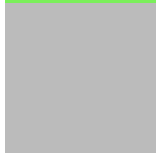
4287423931

# Monochromacy



**Original Color**

4286246746



**Achromatopsia**

4290493371



**Achromatomaly**

4288925336

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286246746 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(122, 239, 90)` looks like.

```
.text, #text, p{  
    color:rgb(122, 239, 90)  
}
```

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(122, 239, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 239, 90) }
```

## Border

The CSS property to change the border of an element to Android 4286246746 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(122, 239, 90) }
```

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

```
.border{ border-color:rgb(122, 239, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 239, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 239, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 239, 90);  
box-shadow:4px 4px 4px 4px rgb(122, 239,  
90) }
```

# Background

The CSS property to change the background color of an element to Android 4286246746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 239, 90) }
```

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

```
.background{ background-color: rgb(122,  
239, 90) }
```

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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