

# Converting Colors

Android(4286509870)

Have a look what the booklet for  
Android(4286509870) contains.

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# **Color**

**Android(4286509870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EF32E
RGB	126, 243, 46
RGB Percent	49%, 95%, 18%
CMY	0.5059, 0.0471, 0.8196
CMYK	0.48, 0.00, 0.81, 0.05
HSL	96°, 89%, 57%
HSV	96°, 81%, 95%
XYZ	41.1479, 68.7341, 13.6831
YIQ	185.5590, -6.4950, -86.0710

# Conversions

## Conversions Part 2

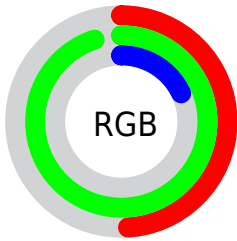
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 243, 163
Decimal	8319790
CIELab	86.37, -63.01, 76.33
CIElCh	86, 98.977, 129.543
Yxy	68.7341, 0.3330, 0.5563
Android (android.graphics.Color)	4286509870 (0xFF7EF32E)
YUV	185.5590, -68.8026, -52.2332
Hunter-Lab	82.9060, -56.4924, 48.2488

# Details

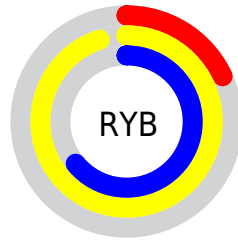
The Android color **4286509870** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4288884467**, and the grayscale version is **4290427578**.

A 20% lighter version of the original color is **4290510701**, and **4282104320** is the 20% darker color. If you saturate the color by 10%, you get **4285592342**, and if you desaturate by 10%, it is **4287427398**.

# Distribution



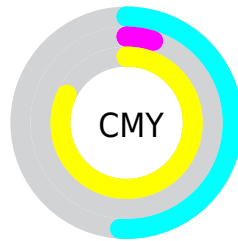
- Red (49%)
- Green (95%)
- Blue (18%)



- Red (18%)
- Yellow (95%)
- Blue (64%)



- Cyan (48%)
- Magenta (0%)
- Yellow (81%)
- Black (5%)





- Cyan (51%)
- Magenta (5%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286509870 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 4286509870 by changing the saturation by 10% instead.



 4286509870	 4286509870
4294967295	 4284405248
 4290510701	 4282104320
 4292542347	 4278230528
 4294573992	 4278223616
 4294967237	 4278216960
 4294967267	 4278210304
	 4278204416
	 4278197760
	 4278190080

 4286509870

 4286509870

 4285592342


 4287427398

 4284740352

 4288410463

 4289327991

 4290311055

 4291228583

 4292211648

 4293129176

 4294046704

 4294964223

# Harmonies

## Analogous

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



4293385728



4286509870



4278255250

# Triad

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



4286509870



4278252799



4294930366

# Complementary

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



4286509870



4288884467

# 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.



4294935039



4286509870



4278246143

# Square

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



4286509870



4278255615



4294947071



4294938469

# Rectangle

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



4286509870



4278255572



4294947071



4294930398

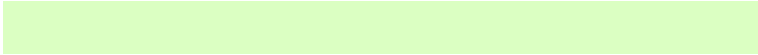


# Sweetspot

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



4286509870



4292607938



4294156590



4285169755



4278190080



4286611584



# Same Dimension

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



4286509870



4285333256



4281267006



4285758062



4283218432



4279778048



# Inverse Universe

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



4288884467



4288350463



4294127331



4285886074



4285464762

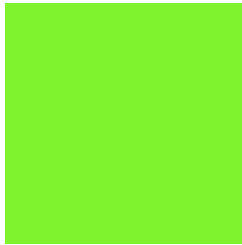


4280483899



# Previews

## White Background



This preview shows how the Android color 4286509870 looks on a white background.

## Color Contrast Check

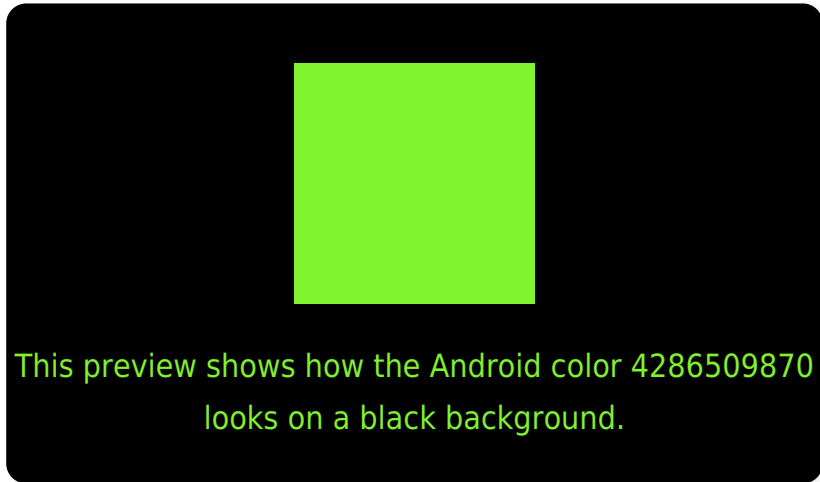
Large Text (above 18pt) WCAG AA × Fail

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

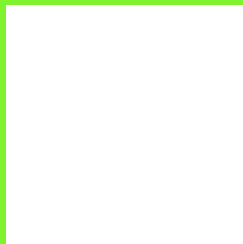
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286509870 Background



This preview shows how black text looks on a background with the Android color 4286509870.

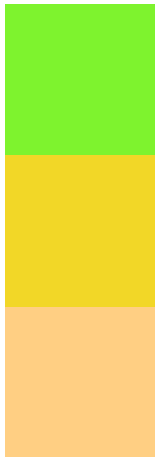


This preview shows how white text looks on a background with the Android color 4286509870.

# 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



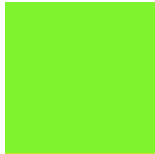
**Original Color**  
4286509870

**Protanopia**  
4294104871

**Deuteranopia**  
4294954883



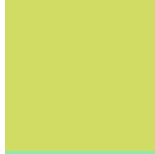
# Trichromacy



**Original Color**  
4286509870



**Protanomaly**  
4291354922



**Deuteranomaly**  
4291877988

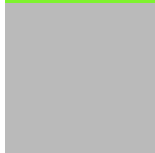


**Tritanomaly**  
4287817900

# Monochromacy



**Original Color**  
4286509870



**Achromatopsia**  
4290427578



**Achromatomaly**  
4288991111

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286509870 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(126, 243, 46)` looks like.

```
.text, #text, p{  
    color:rgb(126, 243, 46)  
}
```

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(126, 243, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 243, 46) }
```

## Border

The CSS property to change the border of an element to Android 4286509870 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(126, 243, 46) }
```

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

```
.border{ border-color:rgb(126, 243, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 243, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 243, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 243, 46);  
box-shadow:4px 4px 4px 4px rgb(126, 243,  
46) }
```

# Background

The CSS property to change the background color of an element to Android 4286509870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 243, 46) }
```

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

```
.background{ background-color: rgb(126,  
243, 46) }
```

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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