

# Converting Colors

Android(4286512941)

Have a look what the booklet for  
Android(4286512941) contains.

<b>Android(4286512941)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4286512941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EFF2D
RGB	126, 255, 45
RGB Percent	49%, 100%, 18%
CMY	0.5059, 0.0000, 0.8235
CMYK	0.51, 0.00, 0.82, 0.00
HSL	97°, 100%, 59%
HSV	97°, 82%, 100%
XYZ	44.8378, 76.1451, 14.8169
YIQ	192.4890, -9.4740, -92.6580

# Conversions

## Conversions Part 2

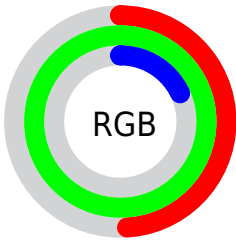
Format	Color
<a href="#">RYB</a>	45, 255, 174
Decimal	8322861
CIELab	89.93, -67.35, 79.76
CIELCh	90, 104.393, 130.178
Yxy	76.1451, 0.3302, 0.5607
Android (android.graphics.Color)	4286512941 (0xFF7EFF2D)
YUV	192.4890, -72.7121, -58.3109
Hunter-Lab	87.2611, -60.9875, 51.0154

# Details

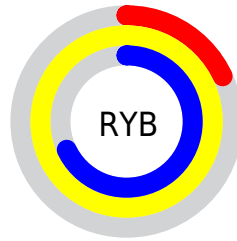
The Android color `4286512941` is a dark color, and the websafe version is hex `66FF33`. The color can be described as middle washed chartreuse. A complement of this color would be `4289605119`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4290576238`, and `4281910528` is the 20% darker color. If you saturate the color by 10%, you get `4285464340`, and if you desaturate by 10%, it is `4287561543`.

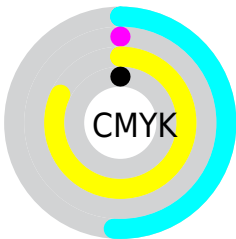
# Distribution



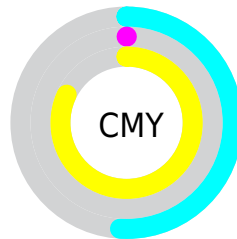
- Red (49%)
- Green (100%)
- Blue (18%)



- Red (18%)
- Yellow (100%)
- Blue (68%)



- Cyan (51%)
- Magenta (0%)
- Yellow (82%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286512941 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 4286512941 by changing the saturation by 10% instead.



 4286512941

 4286512941

4294967295

 4284342784

 4290576238

 4281910528

 4292607884

 4278233344

 4294705065

 4278226432

 4294967239

 4278219520

 4294967269

 4278212864

 4278206464

 4278200320

 4278190080

■ 4286512941

■ 4286512941

■ 4285464340

■ 4287561543

■ 4284677888

■ 4288544608

■ 4289593210

■ 4290641811

■ 4291624877

■ 4292673478

■ 4293722080

■ 4294705145

4294967295

# Harmonies

## Analogous

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



4293978368



4286512941



4278255514

# Triad

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



4286512941



4278255615



4294930885

# Complementary

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



4286512941



4289605119

# 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.



4294935551



4286512941



4278248447

# Square

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



4286512941



4278255615



4294948863



4294940005

# Rectangle

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



4286512941



4278255584



4294948863



4294930662

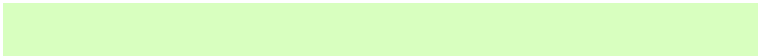


# Sweetspot

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



4286512941



4292411327



4294945581



4285038681



4278190080



4286611584



# Same Dimension

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



4286512941



4284808963



4281204546



4286087283



4283088640



4279844864



# Inverse Universe

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



4289605119



4288545791



4294913514



4286280576



4285857983

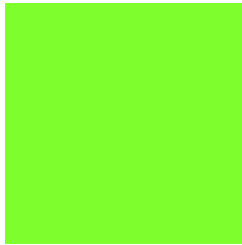


4280746048



# Previews

## White Background



This preview shows how the Android color 4286512941 looks on a white background.

## Color Contrast Check

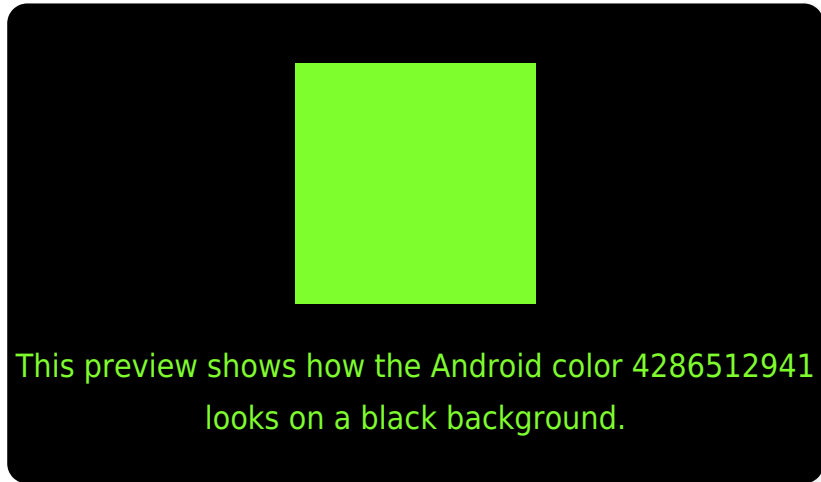
Large Text (above 18pt) WCAG AA × Fail

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

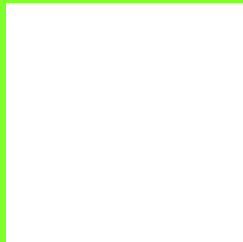
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286512941 Background



This preview shows how black text looks on a background with the Android color 4286512941.



This preview shows how white text looks on a background with the Android color 4286512941.

# 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**  
4286512941

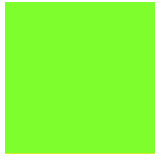
**Protanopia**  
4294828325

**Deuteranopia**  
4294957993



**Tritanopia**  
4288998911

# Trichromacy



**Original Color**  
4286512941



**Protanomaly**  
4291816488

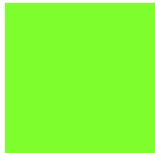


**Deuteranomaly**  
4291881084

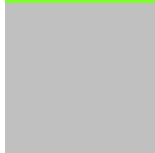


**Tritanomaly**  
4288083123

# Monochromacy



**Original Color**  
4286512941



**Achromatopsia**  
4290822336



**Achromatomaly**  
4289255307

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286512941 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, 255, 45)` looks like.

```
.text, #text, p{  
    color:rgb(126, 255, 45)  
}
```

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, 255, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 255, 45) }
```

## Border

The CSS property to change the border of an element to Android 4286512941 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, 255, 45) }
```

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

```
.border{ border-color:rgb(126, 255, 45) }
```

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

Here you see how a box with a 4 pixel rgb(126, 255, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 255, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 255, 45);  
box-shadow:4px 4px 4px 4px rgb(126, 255,  
45) }
```

# Background

The CSS property to change the background color of an element to Android 4286512941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 255, 45) }
```

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

```
.background{ background-color: rgb(126,  
255, 45) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor