

# Converting Colors

Android(4284608826)

Have a look what the booklet for  
Android(4284608826) contains.

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# **Color**

**Android(4284608826)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61F13A
RGB	97, 241, 58
RGB Percent	38%, 95%, 23%
CMY	0.6196, 0.0549, 0.7725
CMYK	0.60, 0.00, 0.76, 0.05
HSL	107°, 87%, 59%
HSV	107°, 76%, 95%
XYZ	37.1488, 65.7575, 14.7375
YIQ	177.0820, -27.0810, -87.4410

# Conversions

## Conversions Part 2

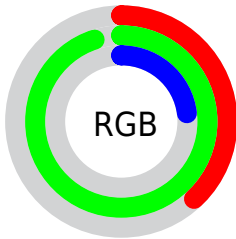
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 241, 202
Decimal	6418746
CIELab	84.87, -69.22, 71.23
CIELCh	85, 99.327, 134.182
Yxy	65.7575, 0.3158, 0.5590
Android (android.graphics.Color)	4284608826 (0xFF61F13A)
YUV	177.0820, -58.7074, -70.2319
Hunter-Lab	81.0910, -60.1362, 45.9883

# Details

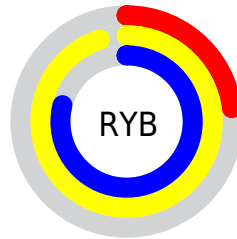
The Android color `4284608826` is a dark color, and the websafe version is hex `66FF33`. The color can be described as middle washed chartreuse. A complement of this color would be `4291443441`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4288806774`, and `4278237184` is the 20% darker color. If you saturate the color by 10%, you get `4283363618`, and if you desaturate by 10%, it is `4285854034`.

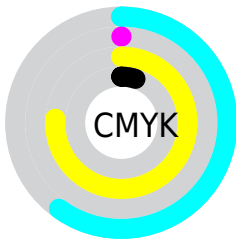
# Distribution



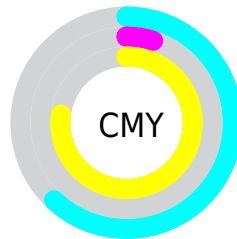
- Red (38%)
- Green (95%)
- Blue (23%)



- Red (23%)
- Yellow (95%)
- Blue (79%)



- Cyan (60%)
- Magenta (0%)
- Yellow (76%)
- Black (5%)



- Cyan (62%)
- Magenta (5%)
- Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4284608826 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 4284608826 by changing the saturation by 10% instead.



 4284608826

 4284608826

4294967295

 4282176530

 4288806774

 4278237184

 4290838418

 4278230016

 4292870063

 4278223104

 4294901708

 4278216192

 4294967274

 4278209536

 4278203648

 4278196736

 4278190080

 4284608826


 4284608826

 4283363618

 4285854034

 4282118410

 4287099242

 4281594112

 4288344450

 4289589658

 4290834866

 4292080075

 4293325283

 4294570491

 4294963711

# Harmonies

## Analogous

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



4292140288



4284608826



4278254493

# Triad

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



4284608826



4278251007



4294929580

# Complementary

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



4284608826



4291443441

# 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.



4294932223



4284608826



4281716991

# Square

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



4284608826



4278254591



4294943999



4294939219

# Rectangle

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



4284608826



4278255327



4294943999



4294928587

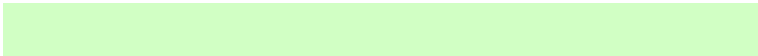


# Sweetspot

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



4284608826



4291952580



4294035770



4284711004



4278190080



4286611584



# Same Dimension

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



4284608826



4282973975



4282052974



4285429868



4280793088



4278990848



# Inverse Universe

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



4291443441



4291696639



4293999293



4285885560



4287627448

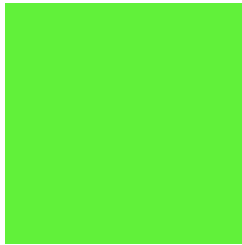


4281073720



# Previews

## White Background



This preview shows how the Android color 4284608826 looks on a white background.

## Color Contrast Check

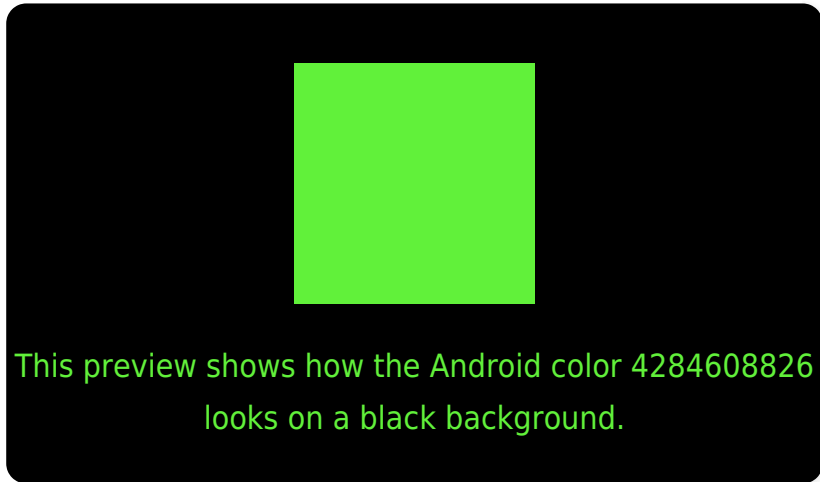
Large Text (above 18pt) WCAG AA × Fail

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

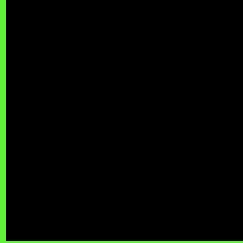
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

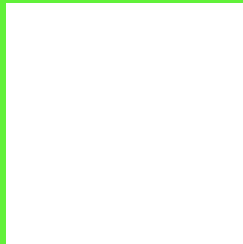
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284608826 Background



This preview shows how black text looks on a background with the Android color 4284608826.

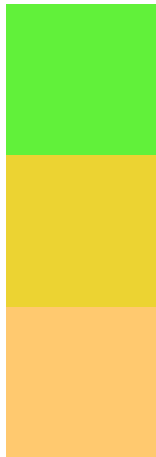


This preview shows how white text looks on a background with the Android color 4284608826.

# 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



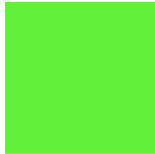
**Original Color**  
4284608826

**Protanopia**  
4293710642

**Deuteranopia**  
4294953327



# Trichromacy



**Original Color**

4284608826



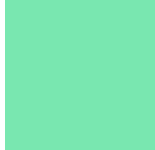
**Protanomaly**

4290371125



**Deuteranomaly**

4291221596



**Tritanomaly**

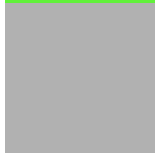
4286179248

# Monochromacy



**Original Color**

4284608826



**Achromatopsia**

4289835441



**Achromatomaly**

4287940742

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284608826 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(97, 241, 58)` looks like.

```
.text, #text, p{  
    color:rgb(97, 241, 58)  
}
```

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(97, 241, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 241, 58) }
```

## Border

The CSS property to change the border of an element to Android 4284608826 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(97, 241, 58) }
```

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

```
.border{ border-color:rgb(97, 241, 58) }
```

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

Here you see how a box with a 4 pixel rgb(97, 241, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 241, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 241, 58);  
box-shadow:4px 4px 4px 4px rgb(97, 241,  
58) }
```

# Background

The CSS property to change the background color of an element to Android 4284608826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 241, 58) }
```

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

```
.background{ background-color: rgb(97, 241,  
58) }
```

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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