

# Converting Colors

Decimal(8189448)

Have a look what the booklet for  
Decimal(8189448) contains.

<b>Decimal(8189448)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

**Color**

**Decimal(8189448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CF608
RGB	124, 246, 8
RGB Percent	49%, 96%, 3%
CMY	0.5137, 0.0353, 0.9686
CMYK	0.50, 0.00, 0.97, 0.04
HSL	91°, 94%, 50%
HSV	91°, 97%, 96%
XYZ	41.3118, 70.2142, 11.6051
YIQ	182.3900, 3.6860, -99.8820

# Conversions

## Conversions Part 2

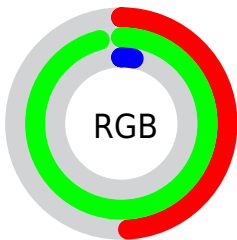
Format	Color
<b>RYB</b>	8, 246, 130
Decimal	8189448
CIELab	87.10, -65.66, 82.94
CIELCh	87, 105.780, 128.368
Yxy	70.2142, 0.3355, 0.5702
Android (android.graphics.Color)	4286379528 (0xFF7CF608)
YUV	182.3900, -85.9743, -51.2080
Hunter-Lab	83.7939, -58.6358, 50.4443

# Details

The Decimal color **8189448** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **8521974**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **12255069**, and **3587328** is the 20% darker color. If you saturate the color by 10%, you get **7927296**, and if you desaturate by 10%, it is **9041441**.

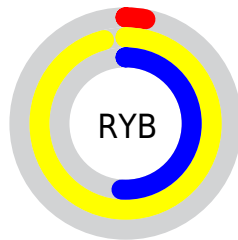
# Distribution



Red (49%)

Green (96%)

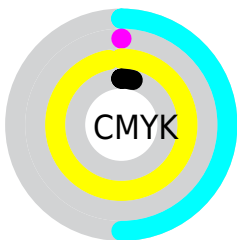
Blue (3%)



Red (3%)

Yellow (96%)

Blue (51%)

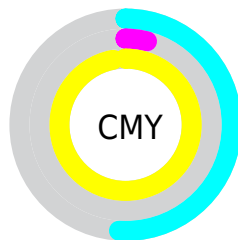


Cyan (50%)

Magenta (0%)

Yellow (97%)

Black (4%)



Cyan (51%)

Magenta (4%)



















Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8189448 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 Decimal color 8189448 by changing the saturation by 10% instead.



 8189448	 8189448
 16777215	 6019328
 12255069	 3587328
 14286716	 41216
 16318361	 34304
 16777143	 27392
 16777173	 20992
 16777203	 14848
	 8192
	 0

■ 8189448

■ 8189448

■ 7927296

■ 9041441

■ 9827897

■ 10679890

■ 11466346

■ 12318339

■ 13170332

■ 13956788

■ 14808781

■ 15595237

# Harmonies

## Analogous

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



15523584



8189448



65419

# Triad

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



8189448



63999



16736963

# Complementary

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



8189448



8521974

# 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.



16743423



8189448



57087

# Square

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



8189448



65535



16691711



16746594

# Rectangle

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



8189448



65489



16691711



16737252

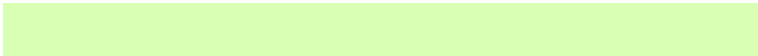


# Sweetspot

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



8189448



14286773



16154376



6914131



0



8421504



# Same Dimension

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



8189448



8191744



587272



7633518



6011392



1915648



# Inverse Universe

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



8521974



8585471



16124150



7630458



6226106

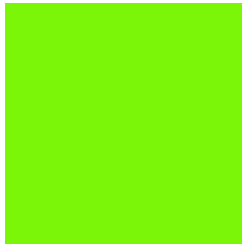


1966139



# Previews

## White Background



This preview shows how the Decimal color 8189448 looks on a white background.

## Color Contrast Check

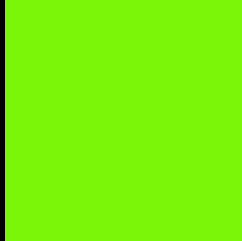
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 8189448 looks on a 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](#).



## Decimal 8189448 Background



This preview shows how black text looks on a background with the Decimal color 8189448.



This preview shows how white text looks on a background with the Decimal color 8189448.

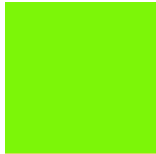
# Color Blindness Simulation

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](#).

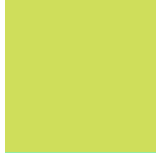
## Dichromacy



# Trichromacy



**Original Color**  
8189448

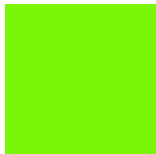


**Deuteranomaly**  
13622875

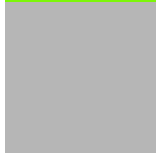


**Tritanomaly**  
9563040

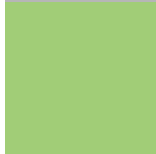
# Monochromacy



**Original Color**  
8189448



**Achromatopsia**  
11974326



**Achromatomaly**  
10603895

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8189448 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 #7CF608 looks like.

```
.text, #text, p{  
    color:#7CF608  
}
```

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 #7CF608 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CF608
}
```

## Border

The CSS property to change the border of an element to Decimal 8189448 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
#7CF608 }
```

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

```
.border{ border-color:#7CF608 }
```

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

Here you see how a box with a 4 pixel #7CF608 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CF608; -webkit-box-shadow:4px 4px  
4px 4px #7CF608; box-shadow:4px 4px 4px  
4px #7CF608 }
```

# Background

The CSS property to change the background color of an element to Decimal 8189448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CF608 }
```

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

```
.background{ background-color:#7CF608 }
```

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