

# Converting Colors

Hex(85F706)

Have a look what the booklet for  
Hex(85F706) contains.

<b>Hex(85F706)</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**

**Hex(85F706)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85F706
RGB	133, 247, 6
RGB Percent	52%, 97%, 2%
CMY	0.4784, 0.0314, 0.9765
CMYK	0.46, 0.00, 0.98, 0.03
HSL	88°, 95%, 50%
HSV	88°, 98%, 97%
XYZ	42.9665, 71.5212, 11.7127
YIQ	185.4400, 9.4170, -99.1190

# Conversions

## Conversions Part 2

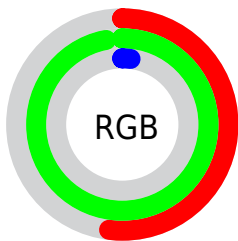
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 247, 120
Decimal	8779526
CIELab	87.74, -63.41, 83.74
CIELCh	88, 105.038, 127.133
Yxy	71.5212, 0.3405, 0.5667
Android (android.graphics.Color)	4286969606 (0xFF85F706)
YUV	185.4400, -88.4639, -45.9899
Hunter-Lab	84.5702, -57.3097, 50.9877

# Details

The Hex color **85F706** 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 **7806F7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C3FF5D**, and **43BE00** is the 20% darker color. If you saturate the color by 10%, you get **82F700**, and if you desaturate by 10%, it is **91F71F**.

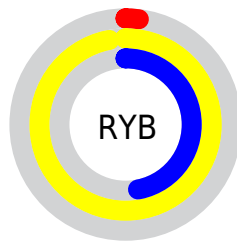
# Distribution



Red (52%)

Green (97%)

Blue (2%)



Red (2%)

Yellow (97%)

Blue (47%)

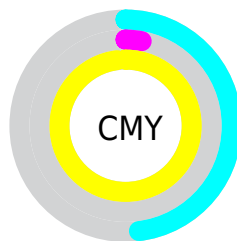


Cyan (46%)

Magenta (0%)

Yellow (98%)

Black (3%)



Cyan (48%)

Magenta (3%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85F706 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 Hex color 85F706 by changing the saturation by 10% instead.



 85F706

 85F706

FFFFFF

 65DA00

 C3FF5D

 43BE00

 E2FF7C

 11A200

 FFFF99

 008700

 FFFFB7

 006C00


 FFFFD5

 005300

 FFFFF3

 003B00

 002200

 000000

 85F706

 85F706

 82F700

 91F71F

 9CF737

 A8F750

 B4F769

 BFF782

 CBF79A

 D7F7B3

 E2F7CC

 EE7E4

# Harmonies

## Analogous

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



F2DF00



85F706



00FF89

# Triad

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



85F706



00FBFF



FF66C9

# Complementary

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



85F706



7806F7

# 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.



FF80FF



85F706



00E1FF

# Square

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



85F706



00FFFF



F9B5FF



FF8868

# Rectangle

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



85F706



00FFCF



F9B5FF



FF68EA

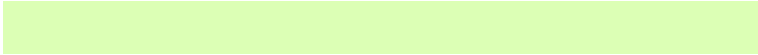


# Sweetspot

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



85F706



DCFFB5



F77606



6A8053



000000



808080



# Same Dimension

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



85F706



86FF00



0EF706



757A6E



62BA00



1F3B00



# Inverse Universe

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



7806F7



7900FF



EF06F7



746E7A



5800BA

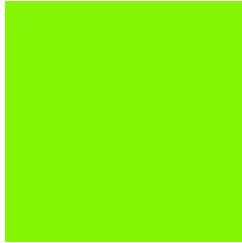


1C003B



# Previews

## White Background



This preview shows how the Hex color 85F706 looks on a white background.

## Color Contrast Check

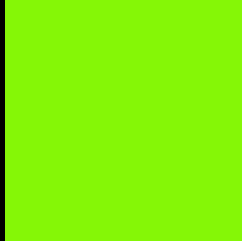
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 85F706 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

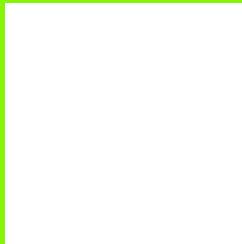
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85F706 Background



This preview shows how black text looks on a background with the Hex color 85F706.

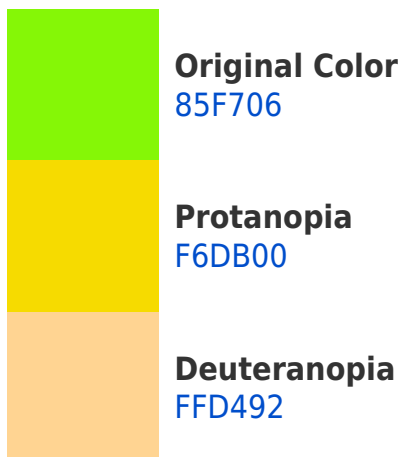


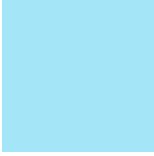
This preview shows how white text looks on a background with the Hex color 85F706.

# 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](#).

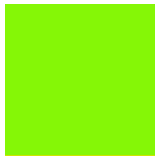
## Dichromacy





**Tritanopia**  
A4E6F8

# Trichromacy



**Original Color**  
85F706



**Protanomaly**  
CDE502



**Deuteranomaly**  
D3E15F

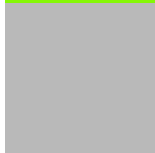


**Tritanomaly**  
99ECA0

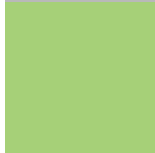
# Monochromacy



**Original Color**  
85F706



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
A6D078

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85F706 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 #85F706 looks like.

```
.text, #text, p{  
    color:#85F706  
}
```

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 #85F706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85F706
}
```

## Border

The CSS property to change the border of an element to Hex 85F706 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
#85F706 }
```

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

```
.border{ border-color:#85F706 }
```

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

Here you see how a box with a 4 pixel #85F706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85F706; -webkit-box-shadow:4px 4px  
4px 4px #85F706; box-shadow:4px 4px 4px  
4px #85F706 }
```

# Background

The CSS property to change the background color of an element to Hex 85F706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85F706 }
```

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

```
.background{ background-color:#85F706 }
```

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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