

Converting Colors

Hex(87F308)

Have a look what the booklet for
Hex(87F308) contains.

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Color

Hex(87F308)

Conversions

Conversions Part 1

Format	Color
Hex	87F308
RGB	135, 243, 8
RGB Percent	53%, 95%, 3%
CMY	0.4706, 0.0471, 0.9686
CMYK	0.44, 0.00, 0.97, 0.05
HSL	88°, 94%, 49%
HSV	88°, 97%, 95%
XYZ	42.0861, 69.2696, 11.3819
YIQ	183.9180, 11.0670, -95.9810

Conversions

Conversions Part 2

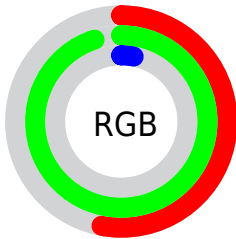
Format	Color
RYB	8, 243, 116
Decimal	8909576
CIELab	86.64, -61.30, 82.75
CIELCh	87, 102.982, 126.533
Yxy	69.2696, 0.3429, 0.5644
Android (android.graphics.Color)	4287099656 (0xFF87F308)
YUV	183.9180, -86.7276, -42.9011
Hunter-Lab	83.2284, -55.3875, 50.1516

Details

The Hex color **87F308** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark saturated chartreuse. A complement of this color would be **7408F3**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **C4FF5D**, and **46BA00** is the 20% darker color. If you saturate the color by 10%, you get **83F300**, and if you desaturate by 10%, it is **92F320**.

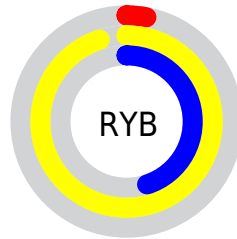
Distribution



Red (53%)

Green (95%)

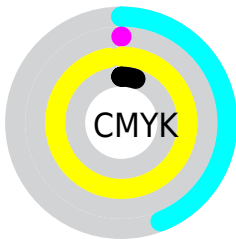
Blue (3%)



Red (3%)

Yellow (95%)

Blue (45%)

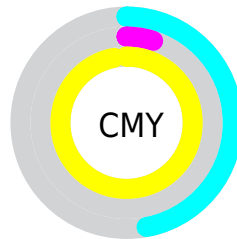


Cyan (44%)

Magenta (0%)

Yellow (97%)

Black (5%)



Cyan (47%)

Magenta (5%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87F308 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 87F308 by changing the saturation by 10% instead.

 87F308

 87F308

FFFFFF

 68D600

 C4FF5D

 46BA00

 E3FF7B

 1B9E00

 FFFF99

 008300

 FFFFB6

 006900

 FFFFD4

 005000

 FFFFF2

 003800

 001F00

 000000

 87F308

 87F308

 83F300

 92F320

 9DF339

 A9F351

 B4F369

 BFF381

 CAF39A

 D5F3B2

 E0F3CA

 ECF3E3

Harmonies

Analogous

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



F0DC00



87F308



00FF86

Triad

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



87F308



00F8FF



FF66C8

Complementary

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



87F308



7408F3

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.



FF81FF



87F308



00DEFF

Square

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



87F308



00FFFF



F3B4FF



FF8769

Rectangle

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



87F308



00FFCA



F3B4FF



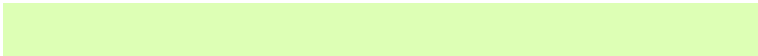
FF69E9

Sweetspot

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



87F308



DFFB5



F37208



6B8053



000000



808080

Same Dimension

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



87F308



8AFF00



14F308



757A6E



65BA00



203B00

Inverse Universe

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



7408F3



7500FF



E708F3



746E7A



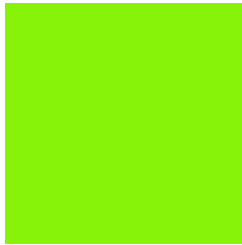
5600BA



1B003B

Previews

White Background



This preview shows how the Hex color 87F308 looks on a white background.

Color Contrast Check

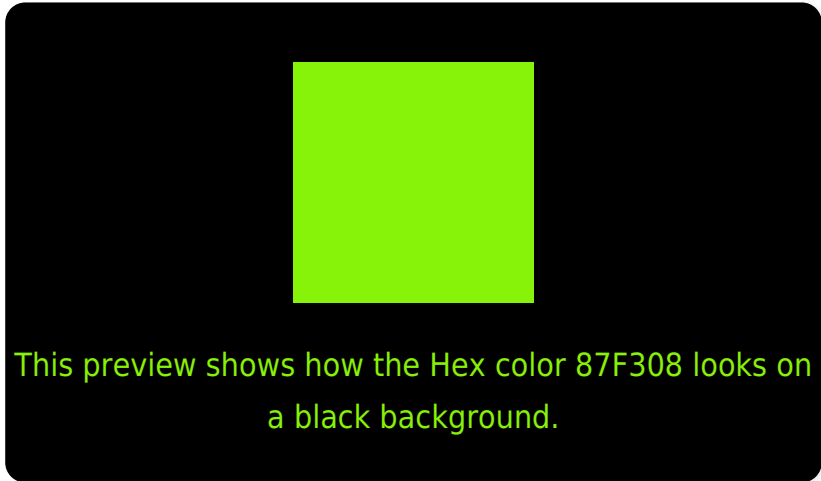
Large Text (above 18pt) WCAG AA × Fail

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

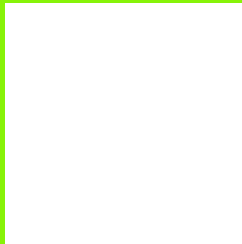
Any Text WCAG AAA ✓ Pass

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

Hex 87F308 Background



This preview shows how black text looks on a background with the Hex color 87F308.

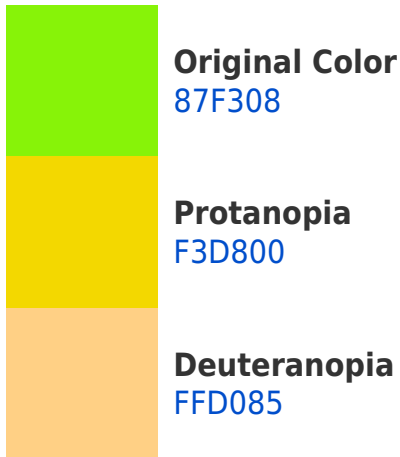


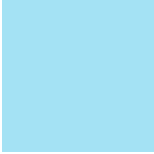
This preview shows how white text looks on a background with the Hex color 87F308.

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](#).

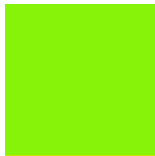
Dichromacy





Tritanopia
A4E2F4

Trichromacy



Original Color
87F308



Protanomaly
CCE203



Deuteranomaly
D3DD58

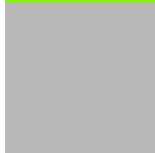


Tritanomaly
99E89E

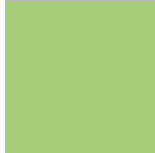
Monochromacy



Original Color
87F308



Achromatopsia
B8B8B8



Achromatomaly
A6CD78

CSS Examples

Text

The CSS property to change the color of the text to Hex 87F308 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 #87F308 looks like.

```
.text, #text, p{  
    color:#87F308  
}
```

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 #87F308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87F308
}
```

Border

The CSS property to change the border of an element to Hex 87F308 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
#87F308 }
```

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

```
.border{ border-color:#87F308 }
```

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

Here you see how a box with a 4 pixel #87F308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87F308; -webkit-box-shadow:4px 4px  
4px 4px #87F308; box-shadow:4px 4px 4px  
4px #87F308 }
```

Background

The CSS property to change the background color of an element to Hex 87F308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87F308 }
```

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

```
.background{ background-color:#87F308 }
```

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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