

Converting Colors

Hex(80F13D)

Have a look what the booklet for
Hex(80F13D) contains.

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Color

Hex(80F13D)

Conversions

Conversions Part 1

Format	Color
Hex	80F13D
RGB	128, 241, 61
RGB Percent	50%, 95%, 24%
CMY	0.4980, 0.0549, 0.7608
CMYK	0.47, 0.00, 0.75, 0.05
HSL	98°, 87%, 59%
HSV	98°, 75%, 95%
XYZ	41.1997, 67.8367, 15.3372
YIQ	186.6930, -9.5680, -79.9360

Conversions

Conversions Part 2

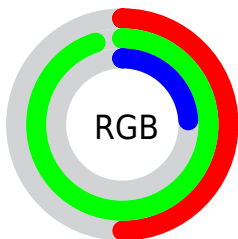
Format	Color
RYB	61, 241, 174
Decimal	8450365
CIELab	85.92, -60.93, 71.67
CIELCh	86, 94.068, 130.368
Yxy	67.8367, 0.3313, 0.5454
Android (android.graphics.Color)	4286640445 (0xFF80F13D)
YUV	186.6930, -61.9666, -51.4738
Hunter-Lab	82.3630, -54.8460, 46.6134

Details

The Hex color **80F13D** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **AE3DF1**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **BCFF78**, and **3FB800** is the 20% darker color. If you saturate the color by 10%, you get **71F125**, and if you desaturate by 10%, it is **8FF155**.

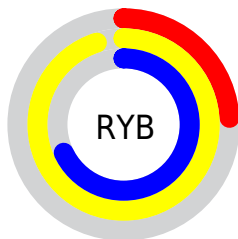
Distribution



Red (50%)

Green (95%)

Blue (24%)



Red (24%)

Yellow (95%)

Blue (68%)

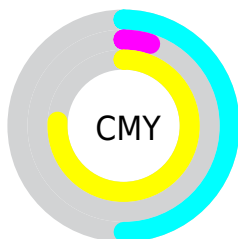


Cyan (47%)

Magenta (0%)

Yellow (75%)

Black (5%)



Cyan (50%)

Magenta (5%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80F13D 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 80F13D by changing the saturation by 10% instead.

 80F13D

 80F13D

FFFFFF

 61D417

 BCFF78

 3FB800

 DBFF95

 0F9C00

 F9FFB1

 008100

 FFFFCE

 006700

 FFFFEC

 004E00

 003600

 001D00

 000000

 80F13D

 80F13D

 71F125

 8FF155

 62F10D

 9EF16D

 5AF100

 ADF185

 BDF19D

 CCF1B6

 DBF1CE

 EAF1E6

 F9F1FE

 FFF1FF

Harmonies

Analogous

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



E4DD00



80F13D



00FC97

Triad

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



80F13D



00F1FF



FF78BC

Complementary

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



80F13D



AE3DF1

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.



FF86FF



80F13D



00D7FF

Square

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



80F13D



00DFFF



FFB0FF



FF9467

Rectangle

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



80F13D



00FFD5



FFB0FF



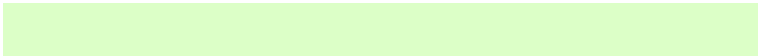
FF77DA

Sweetspot

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



80F13D



DCFFC7



F1AC3D



6B805E



000000



808080

Same Dimension

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



80F13D



6FFF19



3DF152



70786C



44B800



153800

Inverse Universe

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



AE3DF1



AA19FF



F13DDC



736C78



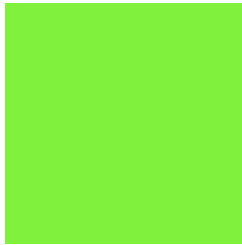
7300B8



230038

Previews

White Background



This preview shows how the Hex color 80F13D looks on a white background.

Color Contrast Check

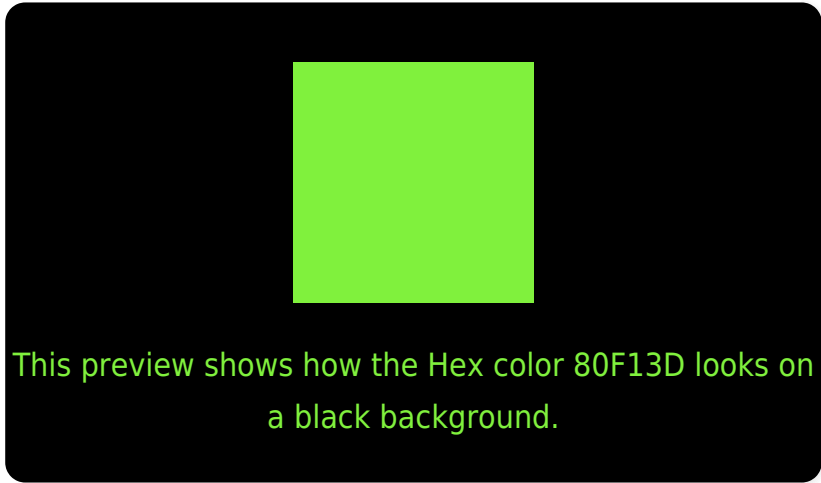
Large Text (above 18pt) WCAG AA × Fail

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

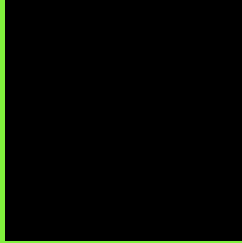
Any Text WCAG AA ✓ Pass

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 80F13D Background



This preview shows how black text looks on a background with the Hex color 80F13D.

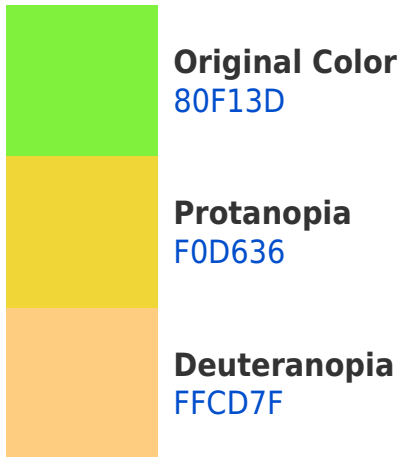


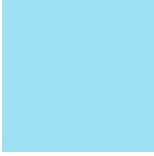
This preview shows how white text looks on a background with the Hex color 80F13D.

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



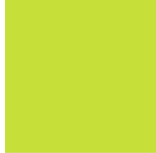


Tritanopia
9DE1F3

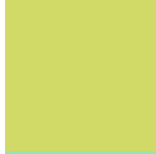
Trichromacy



Original Color
80F13D



Protanomaly
C7E039



Deuteranomaly
D1DA67

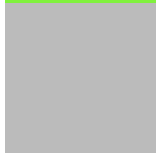


Tritanomaly
92E7B1

Monochromacy



Original Color
80F13D



Achromatopsia
BBBBBB



Achromatomaly
A6CF8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 80F13D 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 #80F13D looks like.

```
.text, #text, p{  
    color:#80F13D  
}
```

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 #80F13D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80F13D
}
```

Border

The CSS property to change the border of an element to Hex 80F13D 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
#80F13D }
```

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

```
.border{ border-color:#80F13D }
```

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

Here you see how a box with a 4 pixel #80F13D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80F13D; -webkit-box-shadow:4px 4px  
4px 4px #80F13D; box-shadow:4px 4px 4px  
4px #80F13D }
```

Background

The CSS property to change the background color of an element to Hex 80F13D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80F13D }
```

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

```
.background{ background-color:#80F13D }
```

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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