

Converting Colors

Hex(80F665)

Have a look what the booklet for
Hex(80F665) contains.

Hex(80F665)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80F665)

Conversions

Conversions Part 1

Format	Color
Hex	80F665
RGB	128, 246, 101
RGB Percent	50%, 96%, 40%
CMY	0.4980, 0.0353, 0.6039
CMYK	0.48, 0.00, 0.59, 0.04
HSL	109°, 89%, 68%
HSV	109°, 59%, 96%
XYZ	44.2068, 71.4403, 23.7713
YIQ	194.1880, -23.7830, -70.1110

Conversions

Conversions Part 2

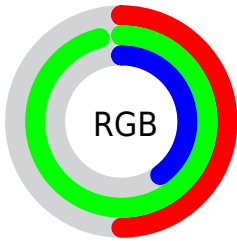
Format	Color
RYB	101, 246, 219
Decimal	8451685
CIELab	87.70, -59.58, 58.36
CIELCh	88, 83.403, 135.592
Yxy	71.4403, 0.3171, 0.5124
Android (android.graphics.Color)	4286641765 (0xFF80F665)
YUV	194.1880, -45.9417, -58.0469
Hunter-Lab	84.5224, -54.5552, 42.4908

Details

The Hex color **80F665** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **DB65F6**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BCFF9C**, and **41BD2D** is the 20% darker color. If you saturate the color by 10%, you get **6CF64C**, and if you desaturate by 10%, it is **94F67E**.

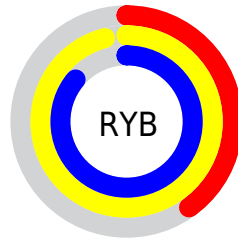
Distribution



Red (50%)

Green (96%)

Blue (40%)



Red (40%)

Yellow (96%)

Blue (86%)

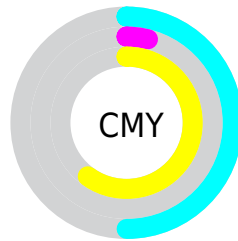


Cyan (48%)

Magenta (0%)

Yellow (59%)

Black (4%)



Cyan (50%)

Magenta (4%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80F665 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 80F665 by changing the saturation by 10% instead.

 80F665

 80F665

FFFFFF

 62D94A

 BCFF9C

 41BD2D

 DAFFB8

 15A105

 F8FFD5

 008600

 FFFFF2

 006C00

 005200

 003A00

 002200

 000000

 80F665

 80F665

 6CF64C

 94F67E

 58F634

 A8F696

 44F61B

 BCF6AF

 30F603

 D0F6C7

 2EF600

 E4F6E0

 F8F6F9

 FFF6FF

Harmonies

Analogous

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



DDE52B



80F665



00FFB2

Triad

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



80F665



00F0FF



FF91B6

Complementary

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



80F665



DB65F6

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.



FF95FF



80F665



8ED7FF

Square

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



80F665



00DFF



FFB4FF



FFA96D

Rectangle

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



80F665



00FFE9



FFB4FF



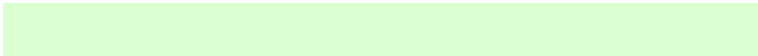
FF8ED0

Sweetspot

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



80F665



DAFFD1



F6D965



698063



000000



808080

Same Dimension

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



80F665



6CFF4A



65F691



707A6E



23BA00



0B3B00

Inverse Universe

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



DB65F6



DD4AFF



F665CB



786E7A



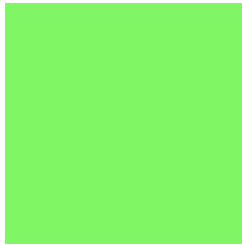
9700BA



30003B

Previews

White Background



This preview shows how the Hex color 80F665 looks on a white background.

Color Contrast Check

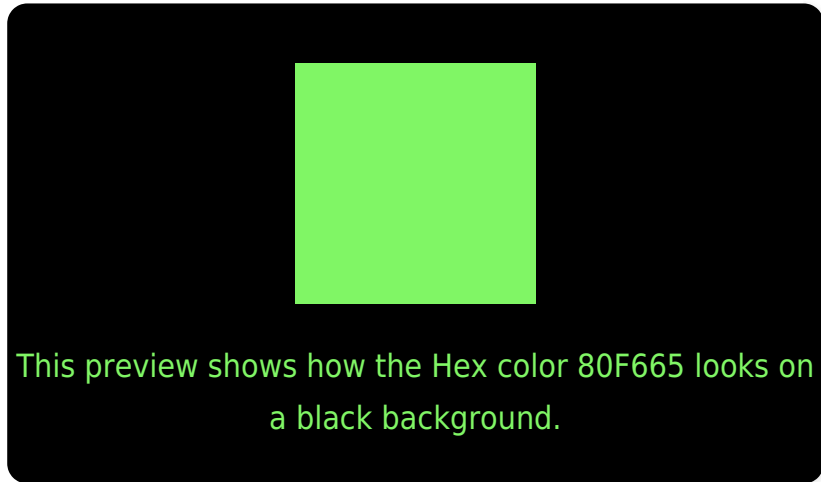
Large Text (above 18pt) WCAG AA × Fail

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

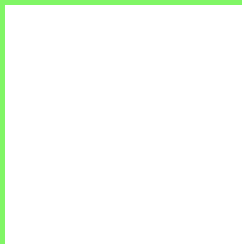
Any Text WCAG AAA ✓ Pass

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

Hex 80F665 Background



This preview shows how black text looks on a background with the Hex color 80F665.

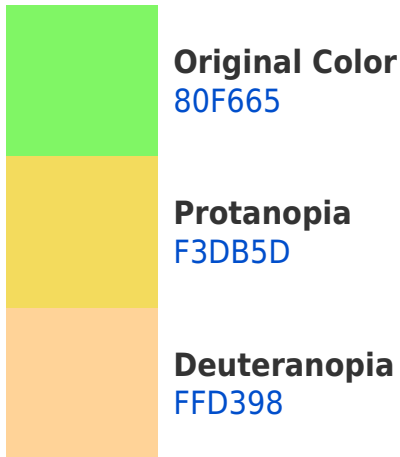


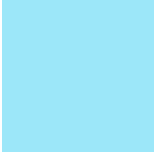
This preview shows how white text looks on a background with the Hex color 80F665.

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](#).

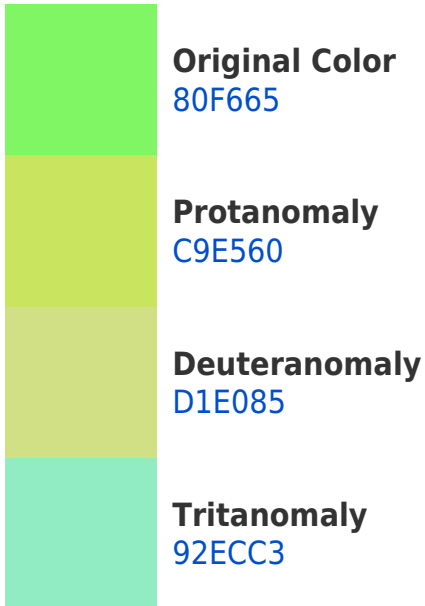
Dichromacy



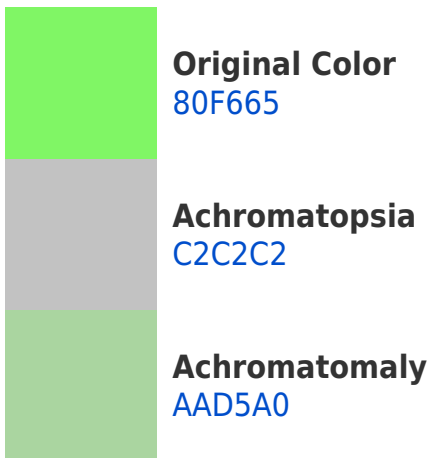


Tritanopia
9CE7F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80F665 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 #80F665 looks like.

```
.text, #text, p{  
    color:#80F665  
}
```

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 #80F665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80F665  
}
```

Border

The CSS property to change the border of an element to Hex 80F665 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  
#80F665 }
```

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

```
.border{ border-color:#80F665 }
```

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

Here you see how a box with a 4 pixel #80F665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80F665; -webkit-box-shadow:4px 4px  
4px 4px #80F665; box-shadow:4px 4px 4px  
4px #80F665 }
```

Background

The CSS property to change the background color of an element to Hex 80F665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80F665 }
```

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

```
.background{ background-color:#80F665 }
```

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