

Converting Colors

Hex(8CF861)

Have a look what the booklet for
Hex(8CF861) contains.

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Color

Hex(8CF861)

Conversions

Conversions Part 1

Format	Color
Hex	8CF861
RGB	140, 248, 97
RGB Percent	55%, 97%, 38%
CMY	0.4510, 0.0275, 0.6196
CMYK	0.44, 0.00, 0.61, 0.03
HSL	103°, 92%, 68%
HSV	103°, 61%, 97%
XYZ	46.5403, 73.5733, 23.0574
YIQ	198.4940, -15.8970, -69.8570

Conversions

Conversions Part 2

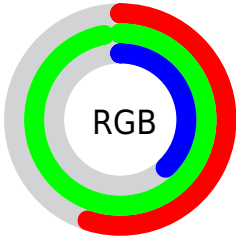
Format	Color
R _Y B	97, 248, 205
Decimal	9238625
CIE Lab	88.72, -57.29, 61.34
CIE LCh	89, 83.932, 133.042
Yxy	73.5733, 0.3251, 0.5139
Android (android.graphics.Color)	4287428705 (0xFF8CF861)
YUV	198.4940, -50.0365, -51.2992
Hunter-Lab	85.7749, -53.2544, 44.1045

Details

The Hex color **8CF861** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **CD61F8**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **C7FF98**, and **4FBF27** is the 20% darker color. If you saturate the color by 10%, you get **7AF848**, and if you desaturate by 10%, it is **9EF87A**.

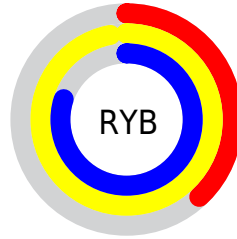
Distribution



Red (55%)

Green (97%)

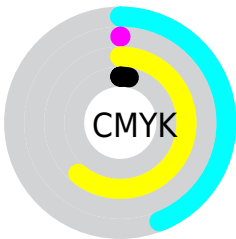
Blue (38%)



Red (38%)

Yellow (97%)

Blue (80%)

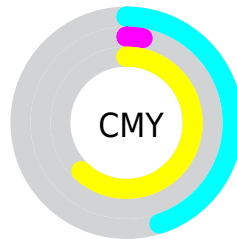


Cyan (44%)

Magenta (0%)

Yellow (61%)

Black (3%)



Cyan (45%)

Magenta (3%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CF861 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 8CF861 by changing the saturation by 10% instead.

 8CF861

 8CF861

FFFFFF

 6EDB45

 C7FF98

 4FBF27

 E5FFB5

 2DA300

 FFFFD1

 008800

 FFFFEE

 006E00

 005400

 003C00

 002500

 000000

 8CF861

 8CF861

 7AF848

 9EF87A

 69F82F

 AFF893

 57F817

 C1F8AB

 47F800

 D3F8C4

 E5F8DD

 F6F8F6

 FFF8FF

Harmonies

Analogous

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



E7E62A



8CF861



00FFAD

Triad

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



8CF861



00F4FF



FF92BF

Complementary

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



8CF861



CD61F8

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.



FF9AFF



8CF861



7EDCFF

Square

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



8CF861



00FFFF



FFBAFF



FFA975

Rectangle

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



8CF861



00FFE5



FFBAFF



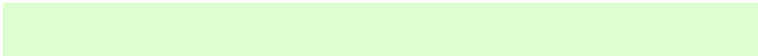
FF91DA

Sweetspot

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



8CF861



DEFFD1



F8CB61



6B8063



000000



808080

Same Dimension

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



8CF861



7AFF45



61F87F



747D70



36BD00



113D00

Inverse Universe

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



CD61F8



CA45FF



F861DA



79707D



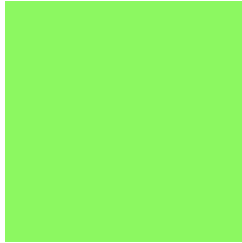
8700BD



2C003D

Previews

White Background



This preview shows how the Hex color 8CF861 looks on a white background.

Color Contrast Check

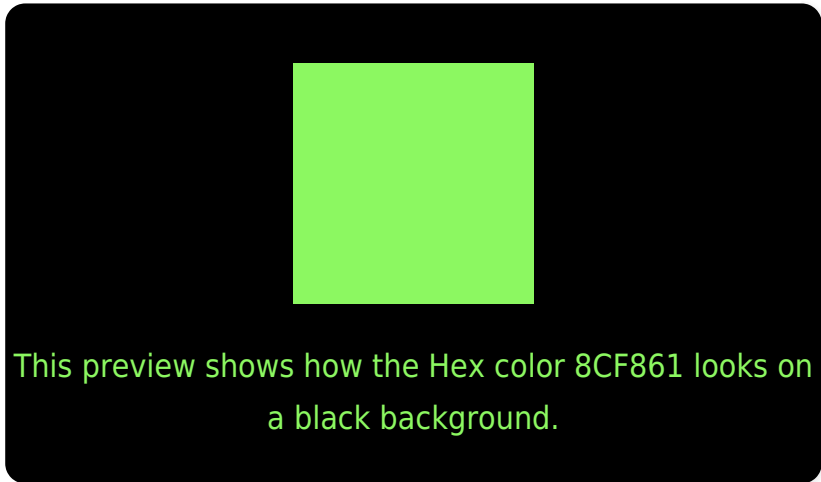
Large Text (above 18pt) WCAG AA × Fail

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

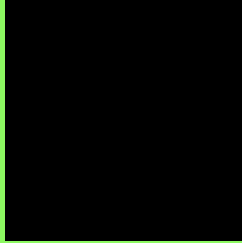
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

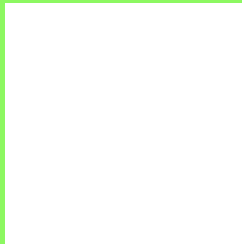
Any Text WCAG AAA ✓ Pass

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

Hex 8CF861 Background



This preview shows how black text looks on a background with the Hex color 8CF861.

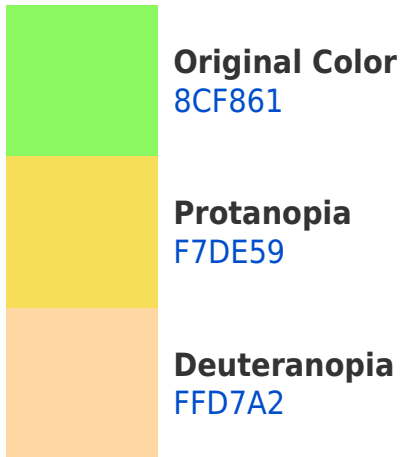


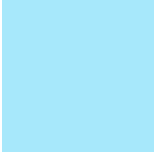
This preview shows how white text looks on a background with the Hex color 8CF861.

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](#).

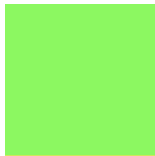
Dichromacy



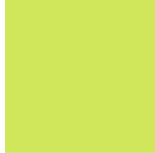


Tritanopia
A7E8FB

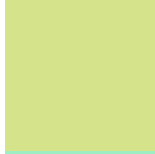
Trichromacy



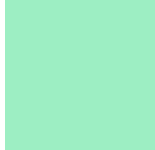
Original Color
8CF861



Protanomaly
D0E75C



Deuteranomaly
D5E38A

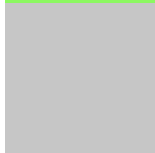


Tritanomaly
9DEEC3

Monochromacy



Original Color
8CF861



Achromatopsia
C6C6C6



Achromatomaly
B1D8A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CF861 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 #8CF861 looks like.

```
.text, #text, p{  
    color:#8CF861  
}
```

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 #8CF861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CF861
}
```

Border

The CSS property to change the border of an element to Hex 8CF861 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
#8CF861 }
```

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

```
.border{ border-color:#8CF861 }
```

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

Here you see how a box with a 4 pixel #8CF861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CF861; -webkit-box-shadow:4px 4px  
4px 4px #8CF861; box-shadow:4px 4px 4px  
4px #8CF861 }
```

Background

The CSS property to change the background color of an element to Hex 8CF861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CF861 }
```

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

```
.background{ background-color:#8CF861 }
```

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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