

Converting Colors

Hex(8CF471)

Have a look what the booklet for
Hex(8CF471) contains.

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Color

Hex(8CF471)

Conversions

Conversions Part 1

Format	Color
Hex	8CF471
RGB	140, 244, 113
RGB Percent	55%, 96%, 44%
CMY	0.4510, 0.0431, 0.5569
CMYK	0.43, 0.00, 0.54, 0.04
HSL	108°, 86%, 70%
HSV	108°, 54%, 96%
XYZ	46.1465, 71.4691, 26.9855
YIQ	197.9700, -19.9330, -62.7890

Conversions

Conversions Part 2

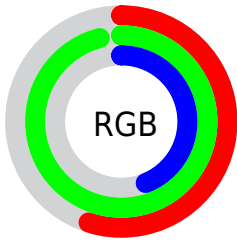
Format	Color
RYB	113, 244, 217
Decimal	9237617
CIELab	87.71, -54.06, 53.19
CIELCh	88, 75.835, 135.465
Yxy	71.4691, 0.3191, 0.4942
Android (android.graphics.Color)	4287427697 (0xFF8CF471)
YUV	197.9700, -41.8902, -50.8397
Hunter-Lab	84.5394, -50.5082, 40.2518

Details

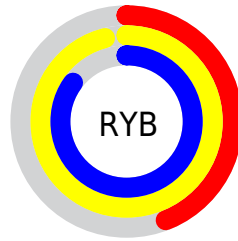
The Hex color **8CF471** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D971F4**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C7FFA8**, and **51BB3C** is the 20% darker color. If you saturate the color by 10%, you get **79F459**, and if you desaturate by 10%, it is **9FF489**.

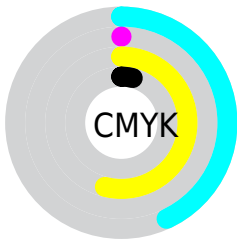
Distribution



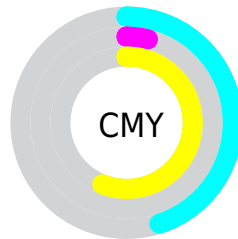
- Red (55%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (85%)



- Cyan (43%)
- Magenta (0%)
- Yellow (54%)
- Black (4%)



- Cyan (45%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CF471 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 8CF471 by changing the saturation by 10% instead.

 8CF471

 8CF471

FFFFFF

 6FD756

 C7FFA8

 51BB3C

 E4FFC4

 309F1F

 FFFFEO

 008500

FFFFFFE

 006A00

 005100

 003900

 002200

 000000

 8CF471

 8CF471

 79F459

 9FF489

 65F440

 B3F4A2

 52F428

 C6F4BA

 3FF40F

 D9F4D3

 32F400

 EDF4EB

 FFF4FF

Harmonies

Analogous

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



DFE444



8CF471



00FDB5

Triad

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



8CF471



00EEFF



FF9BB9

Complementary

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



8CF471



D971F4

Split Complementary

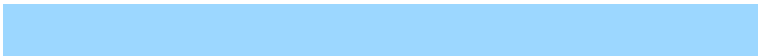
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9FFF



8CF471



9CD7FF

Square

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



8CF471



00FBFF



FFB9FF



FFAF78

Rectangle

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



8CF471



00FFE7



FFB9FF



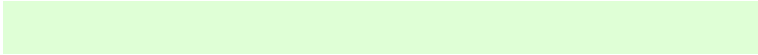
FF99D2

Sweetspot

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



8CF471



DFFFD6



F4D871



6C8067



000000



808080

Same Dimension

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



8CF471



7DFF5C



71F496



717A6E



26BA00



0C3B00

Inverse Universe

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



D971F4



DD5CFF



F471CF



786E7A



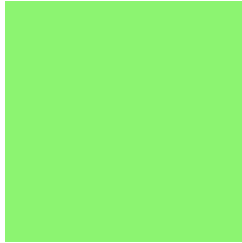
9400BA



2F003B

Previews

White Background



This preview shows how the Hex color 8CF471 looks on a white background.

Color Contrast Check

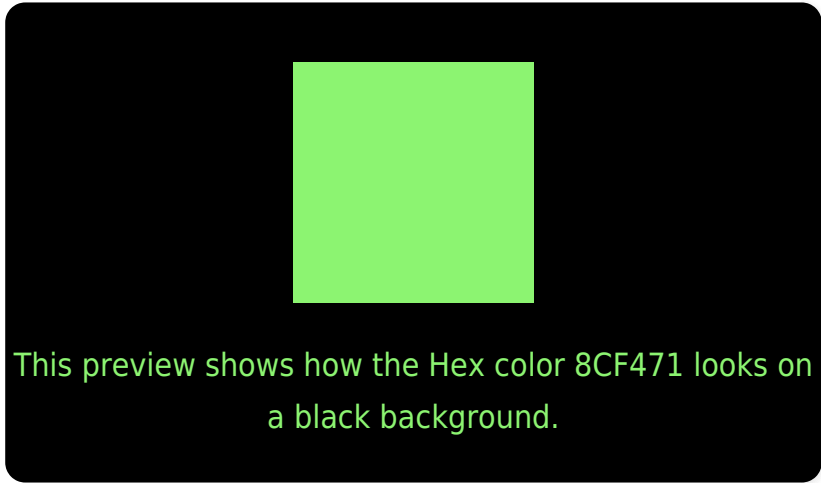
Large Text (above 18pt) WCAG AA × Fail

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

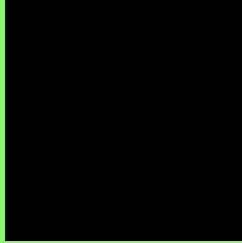
Any Text WCAG AA ✓ Pass

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 8CF471 Background



This preview shows how black text looks on a background with the Hex color 8CF471.

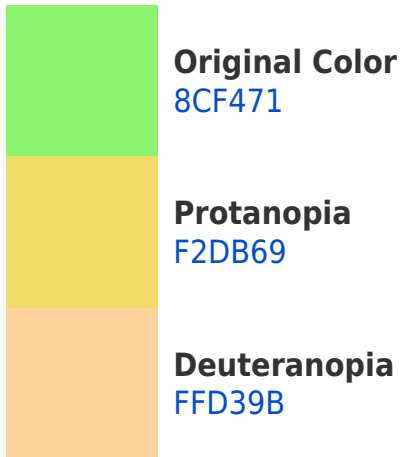


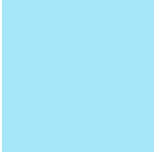
This preview shows how white text looks on a background with the Hex color 8CF471.

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



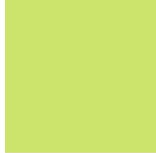


Tritanopia
A5E6F8

Trichromacy



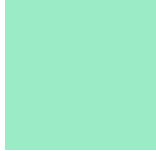
Original Color
8CF471



Protanomaly
CDE46C



Deuteranomaly
D5DF8C

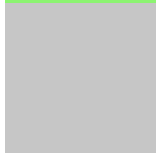


Tritanomaly
9CEBC7

Monochromacy



Original Color
8CF471



Achromatopsia
C6C6C6



Achromatomaly
B1D7A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CF471 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 #8CF471 looks like.

```
.text, #text, p{  
    color:#8CF471  
}
```

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 #8CF471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CF471
}
```

Border

The CSS property to change the border of an element to Hex 8CF471 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
#8CF471 }
```

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

```
.border{ border-color:#8CF471 }
```

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

Here you see how a box with a 4 pixel #8CF471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CF471; -webkit-box-shadow:4px 4px  
4px 4px #8CF471; box-shadow:4px 4px 4px  
4px #8CF471 }
```

Background

The CSS property to change the background color of an element to Hex 8CF471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CF471 }
```

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

```
.background{ background-color:#8CF471 }
```

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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