

Converting Colors

Hex(8CF486)

Have a look what the booklet for
Hex(8CF486) contains.

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Color

Hex(8CF486)

Conversions

Conversions Part 1

Format	Color
Hex	8CF486
RGB	140, 244, 134
RGB Percent	55%, 96%, 53%
CMY	0.4510, 0.0431, 0.4745
CMYK	0.43, 0.00, 0.45, 0.04
HSL	117°, 83%, 74%
HSV	117°, 45%, 96%
XYZ	47.4690, 71.9980, 33.9494
YIQ	200.3640, -26.6740, -56.2580

Conversions

Conversions Part 2

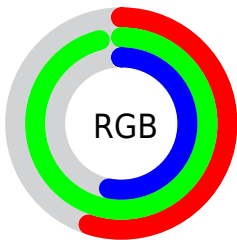
Format	Color
RYB	134, 244, 238
Decimal	9237638
CIELab	87.97, -51.44, 43.64
CIElCh	88, 67.453, 139.692
Yxy	71.9980, 0.3094, 0.4693
Android (android.graphics.Color)	4287427718 (0xFF8CF486)
YUV	200.3640, -32.7175, -52.9392
Hunter-Lab	84.8517, -48.6313, 35.6741

Details

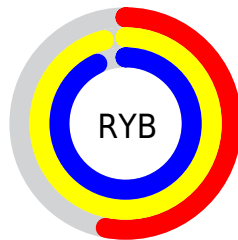
The Hex color **8CF486** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EE86F4**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C6FFBD**, and **52BB52** is the 20% darker color. If you saturate the color by 10%, you get **75F46E**, and if you desaturate by 10%, it is **A3F49E**.

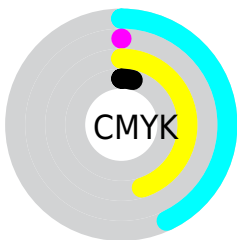
Distribution



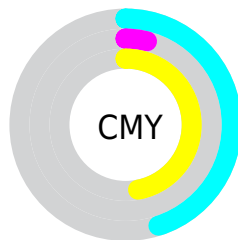
- Red (55%)
- Green (96%)
- Blue (53%)



- Red (53%)
- Yellow (96%)
- Blue (93%)



- Cyan (43%)
- Magenta (0%)
- Yellow (45%)
- Black (4%)



- Cyan (45%)
- Magenta (4%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CF486 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 8CF486 by changing the saturation by 10% instead.

 8CF486

 8CF486

FFFFFF

 6FD76C

 C6FFBD

 52BB52

 E4FFD9

 329F38

 FFFFF6

 00851E

 006B00

 005100

 003900

 002300

 000000

 8CF486

 8CF486

 75F46E

 A3F49E

 5EF455

 BAF4B7

 47F43D

 D1F4CF

 30F424

 E8F4E8

 19F40C

 FFF4FF

 0DF400

Harmonies

Analogous

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



D8E65D



8CF486



00FBC4

Triad

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



8CF486



00EAF7



FFA7B5

Complementary

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



8CF486



EE86F4

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.



FFA7F6



8CF486



BBD5FF

Square

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



8CF486



00F7FF



FFBBFF



FFB97D

Rectangle

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



8CF486



00DFD0



FFBBFF



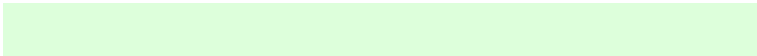
FFA4CA

Sweetspot

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



8CF486



DFFDB



F4ED86



6B806A



000000



808080

Same Dimension

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



8CF486



7DFF75



86F4B6



6F7A6E



0ABA00



033B00

Inverse Universe

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



EE86F4



F775FF



F486C4



7A6E7A



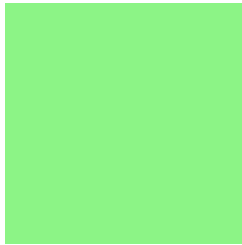
B000BA



37003B

Previews

White Background



This preview shows how the Hex color 8CF486 looks on a white background.

Color Contrast Check

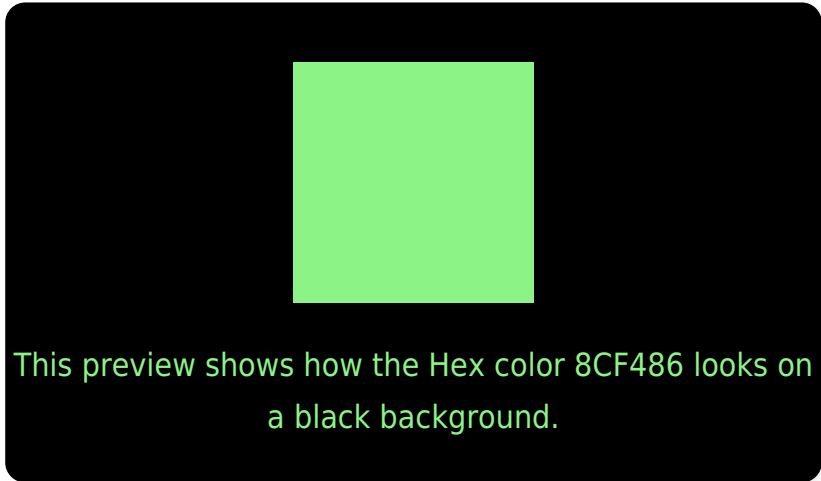
Large Text (above 18pt) WCAG AA × Fail

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

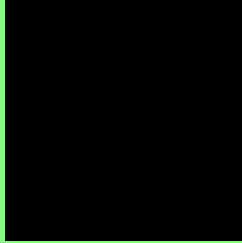
Any Text WCAG AA ✓ Pass

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 8CF486 Background



This preview shows how black text looks on a background with the Hex color 8CF486.

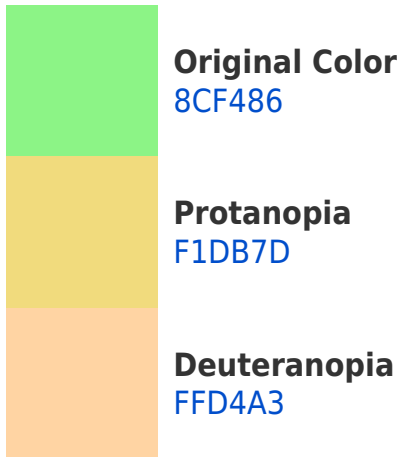


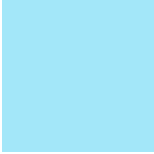
This preview shows how white text looks on a background with the Hex color 8CF486.

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



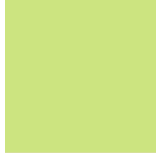


Tritanopia
A3E7F9

Trichromacy



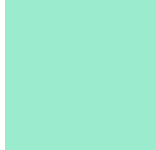
Original Color
8CF486



Protanomaly
CCE480



Deuteranomaly
D5E098

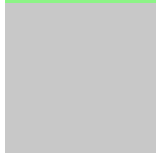


Tritanomaly
9BECCF

Monochromacy



Original Color
8CF486



Achromatopsia
C8C8C8



Achromatomaly
B2D8B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CF486 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 #8CF486 looks like.

```
.text, #text, p{  
    color:#8CF486  
}
```

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 #8CF486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CF486
}
```

Border

The CSS property to change the border of an element to Hex 8CF486 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
#8CF486 }
```

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

```
.border{ border-color:#8CF486 }
```

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

Here you see how a box with a 4 pixel #8CF486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CF486; -webkit-box-shadow:4px 4px  
4px 4px #8CF486; box-shadow:4px 4px 4px  
4px #8CF486 }
```

Background

The CSS property to change the background color of an element to Hex 8CF486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CF486 }
```

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

```
.background{ background-color:#8CF486 }
```

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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