

Converting Colors

Hex(86F590)

Have a look what the booklet for
Hex(86F590) contains.

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Color

Hex(86F590)

Conversions

Conversions Part 1

Format	Color
Hex	86F590
RGB	134, 245, 144
RGB Percent	53%, 96%, 56%
CMY	0.4745, 0.0392, 0.4353
CMYK	0.45, 0.00, 0.41, 0.04
HSL	125°, 85%, 74%
HSV	125°, 45%, 96%
XYZ	47.5180, 72.3868, 37.8531
YIQ	200.2970, -33.7350, -54.9430

Conversions

Conversions Part 2

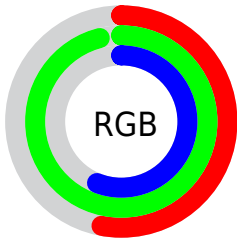
Format	Color
RYB	134, 236, 245
Decimal	8844688
CIELab	88.15, -52.11, 38.95
CIELCh	88, 65.053, 143.224
Yxy	72.3868, 0.3012, 0.4588
Android (android.graphics.Color)	4287034768 (0xFF86F590)
YUV	200.2970, -27.7544, -58.1425
Hunter-Lab	85.0804, -49.1973, 33.1776

Details

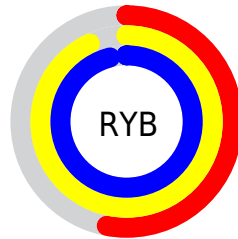
The Hex color **86F590** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F586EB**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C0FFC7**, and **4BBC5C** is the 20% darker color. If you saturate the color by 10%, you get **6EF57A**, and if you desaturate by 10%, it is **9FF5A6**.

Distribution



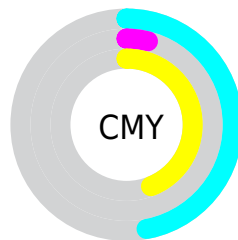
- Red (53%)
- Green (96%)
- Blue (56%)



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



- Cyan (45%)
- Magenta (0%)
- Yellow (41%)
- Black (4%)



- Cyan (47%)
- Magenta (4%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86F590 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 86F590 by changing the saturation by 10% instead.

 86F590

FFFFFF

 C0FFC7

 DEFFE3

 FCFFFF

 86F590

 69D876

 4BBC5C

 29A043

 00852A

 006B0F

 005200

 003A00

 002300

 000000

 86F590

 86F590

 6EF57A

 9FF5A6

 55F563

 B7F5BD

 3CF54D

 D0F5D3

 24F537

 E8F5E9

 0CF521

 FFF5FF

 00F516

Harmonies

Analogous

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



D1E866



86F590



00FBCC

Triad

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



86F590



23E8FF



FFABB0

Complementary

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



86F590



F586EB

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.



FFA9EE



86F590



CAD2FF

Square

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



86F590



00F6FF



FFBAFF



FFBE7B

Rectangle

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



86F590



00FCF8



FFBAFF



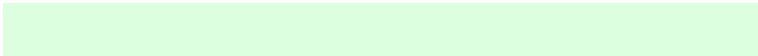
FFA8C4

Sweetspot

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



86F590



DBFFDF



ECF586



6A806C



000000



808080

Same Dimension

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



86F590



75FF82



86F5C7



6E7A6F



00BA11



003B05

Inverse Universe

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



F586EB



FF75F3



F586B4



7A6E79



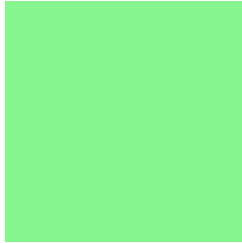
BA00A9



3B0035

Previews

White Background



This preview shows how the Hex color 86F590 looks on a white background.

Color Contrast Check

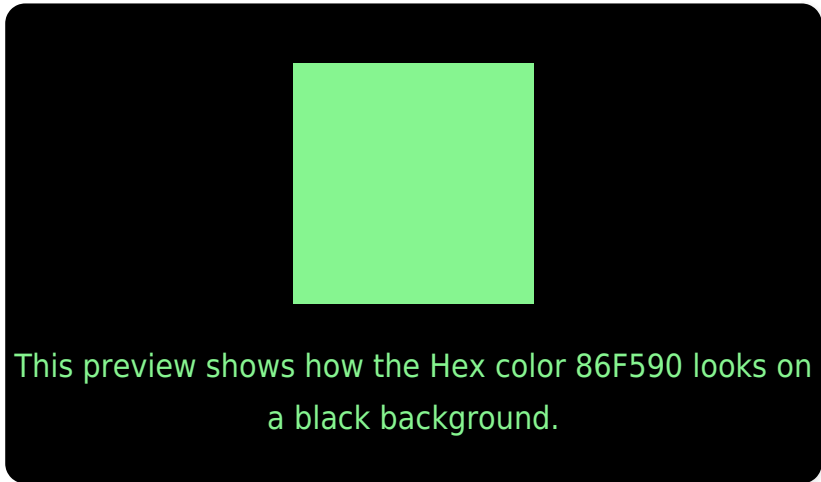
Large Text (above 18pt) WCAG AA × Fail

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

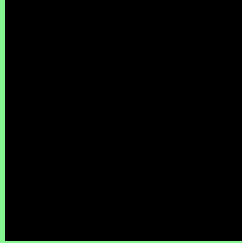
Any Text WCAG AA ✓ Pass

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 86F590 Background



This preview shows how black text looks on a background with the Hex color 86F590.

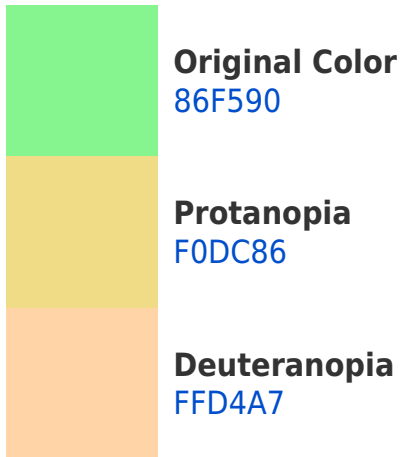


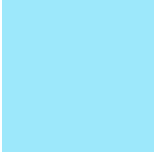
This preview shows how white text looks on a background with the Hex color 86F590.

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



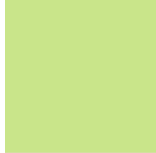


Tritanopia
9DE8FB

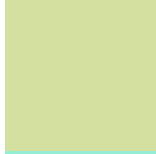
Trichromacy



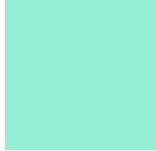
Original Color
86F590



Protanomaly
C9E58A



Deuteranomaly
D3E09F

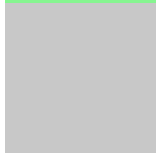


Tritanomaly
95EDD4

Monochromacy



Original Color
86F590



Achromatopsia
C8C8C8



Achromatomaly
B0D8B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 86F590 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 #86F590 looks like.

```
.text, #text, p{  
    color:#86F590  
}
```

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 #86F590 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86F590
}
```

Border

The CSS property to change the border of an element to Hex 86F590 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
#86F590 }
```

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

```
.border{ border-color:#86F590 }
```

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

Here you see how a box with a 4 pixel #86F590 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86F590; -webkit-box-shadow:4px 4px  
4px 4px #86F590; box-shadow:4px 4px 4px  
4px #86F590 }
```

Background

The CSS property to change the background color of an element to Hex 86F590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86F590 }
```

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

```
.background{ background-color:#86F590 }
```

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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