

Converting Colors

Hex(85F095)

Have a look what the booklet for
Hex(85F095) contains.

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Color

Hex(85F095)

Conversions

Conversions Part 1

Format	Color
Hex	85F095
RGB	133, 240, 149
RGB Percent	52%, 94%, 58%
CMY	0.4784, 0.0588, 0.4157
CMYK	0.45, 0.00, 0.38, 0.06
HSL	129°, 78%, 73%
HSV	129°, 45%, 94%
XYZ	46.2578, 69.4766, 39.4061
YIQ	197.6330, -34.5610, -50.9850

Conversions

Conversions Part 2

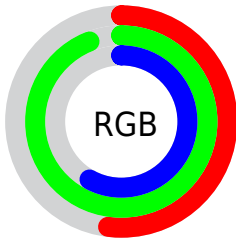
Format	Color
RYB	133, 226, 240
Decimal	8777877
CIELab	86.74, -49.55, 34.61
CIELCh	87, 60.438, 145.065
Yxy	69.4766, 0.2982, 0.4478
Android (android.graphics.Color)	4286967957 (0xFF85F095)
YUV	197.6330, -23.9761, -56.6831
Hunter-Lab	83.3527, -46.8060, 30.3167

Details

The Hex color **85F095** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F085E0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **BFFFCC**, and **4BB761** is the 20% darker color. If you saturate the color by 10%, you get **6DF081**, and if you desaturate by 10%, it is **9DF0A9**.

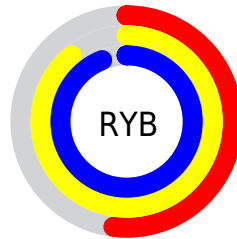
Distribution



Red (52%)

Green (94%)

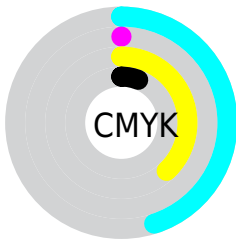
Blue (58%)



Red (52%)

Yellow (89%)

Blue (94%)

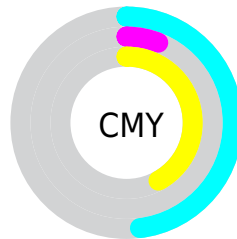


Cyan (45%)

Magenta (0%)

Yellow (38%)

Black (6%)



Cyan (48%)

Magenta (6%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85F095 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 85F095 by changing the saturation by 10% instead.

 85F095

 85F095

FFFFFF

 68D37B

 BFFFCC

 4BB761

 DCFE8

 2A9C48

 FAFFFF

 008130

 006718

 004E00

 003600

 001F00

 000000

 85F095

 85F095

 6DF081

 9DF0A9

 55F06C

 B5F0BE

 3DF058

 CDF0D2

 25F043

 E5F0E7

 0DF02F

 FDF0FB

 00F024

 FFF0FF

Harmonies

Analogous

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



CBE46D



85F095



00F6CD

Triad

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



85F095



55E2FF



FFADAC

Complementary

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



85F095



F085E0

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.



FFAAE5



85F095



CECEFF

Square

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



85F095



00F0FF



FFB8FF



FFBE7C

Rectangle

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



85F095



00F6F5



FFB8FF



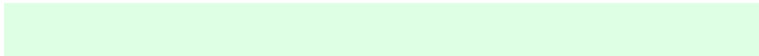
FFAABE

Sweetspot

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



85F095



DEFFE3



E2F085



6B806E



000000



808080

Same Dimension

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



85F095



75FF8A



85F0C9



6C786E



00B81B



003808

Inverse Universe

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



F085E0



FF75EA



F085AC



786C76



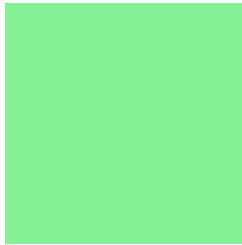
B8009C



380030

Previews

White Background



This preview shows how the Hex color 85F095 looks on a white background.

Color Contrast Check

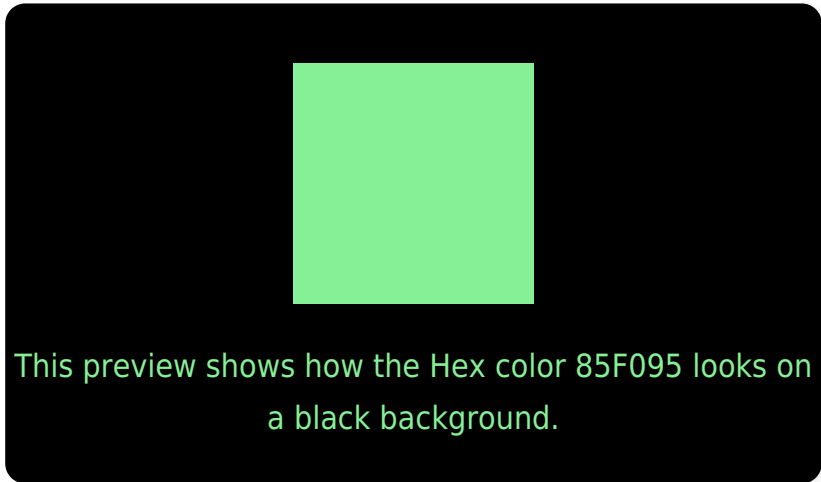
Large Text (above 18pt) WCAG AA × Fail

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

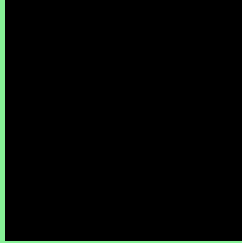
Any Text WCAG AA ✓ Pass

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 85F095 Background



This preview shows how black text looks on a background with the Hex color 85F095.

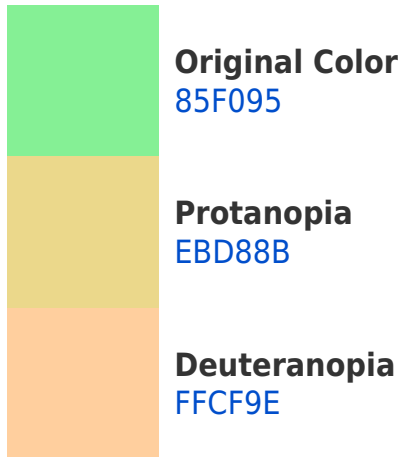


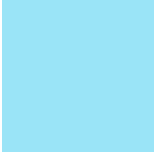
This preview shows how white text looks on a background with the Hex color 85F095.

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



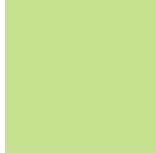


Tritanopia
9AE4F7

Trichromacy



Original Color
85F095



Protanomaly
C6E18F



Deuteranomaly
D3DB9B

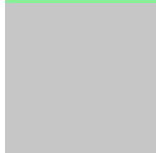


Tritanomaly
92E8D3

Monochromacy



Original Color
85F095



Achromatopsia
C6C6C6



Achromatomaly
AED5B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 85F095 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 #85F095 looks like.

```
.text, #text, p{  
    color:#85F095  
}
```

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 #85F095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85F095
}
```

Border

The CSS property to change the border of an element to Hex 85F095 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
#85F095 }
```

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

```
.border{ border-color:#85F095 }
```

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

Here you see how a box with a 4 pixel #85F095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85F095; -webkit-box-shadow:4px 4px  
4px 4px #85F095; box-shadow:4px 4px 4px  
4px #85F095 }
```

Background

The CSS property to change the background color of an element to Hex 85F095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85F095 }
```

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

```
.background{ background-color:#85F095 }
```

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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