

Converting Colors

Hex(85EA78)

Have a look what the booklet for
Hex(85EA78) contains.

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Color

Hex(85EA78)

Conversions

Conversions Part 1

Format	Color
Hex	85EA78
RGB	133, 234, 120
RGB Percent	52%, 92%, 47%
CMY	0.4784, 0.0824, 0.5294
CMYK	0.43, 0.00, 0.49, 0.08
HSL	113°, 73%, 69%
HSV	113°, 49%, 92%
XYZ	42.4858, 65.1882, 28.1127
YIQ	190.8050, -23.6020, -56.8660

Conversions

Conversions Part 2

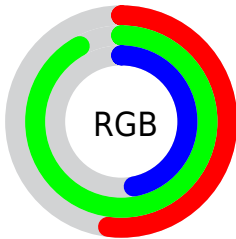
Format	Color
RYB	120, 234, 221
Decimal	8776312
CIELab	84.58, -51.24, 46.06
CIELCh	85, 68.897, 138.044
Yxy	65.1882, 0.3129, 0.4801
Android (android.graphics.Color)	4286966392 (0xFF85EA78)
YUV	190.8050, -34.9069, -50.6950
Hunter-Lab	80.7392, -47.3651, 35.8732

Details

The Hex color **85EA78** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DD78EA**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BFFFAE**, and **4BB144** is the 20% darker color. If you saturate the color by 10%, you get **70EA61**, and if you desaturate by 10%, it is **9AEA8F**.

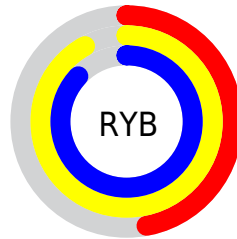
Distribution



Red (52%)

Green (92%)

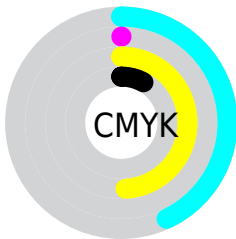
Blue (47%)



Red (47%)

Yellow (92%)

Blue (87%)

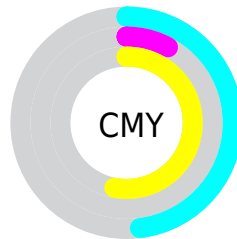


Cyan (43%)

Magenta (0%)

Yellow (49%)

Black (8%)



Cyan (48%)

Magenta (8%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85EA78 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 85EA78 by changing the saturation by 10% instead.

 85EA78

 85EA78

FFFFFF

 68CD5E

 BFFFAE

 4BB144

 DCFPCA

 2A962A

 FAFPE7

 007C0B

 006200

 004900

 003200

 001900

 000000

 85EA78

 85EA78

 70EA61

 9AEA8F

 5CEA49

 AEEAA7

 47EA32

 C3EABE

 32EA1A

 D8EAD6

 1DEA03

 EDEAED

 1BEA00

 FFEAFF

Harmonies

Analogous

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



D1DC4F



85EA78



00F2B6

Triad

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



85EA78



00E2FF



FF9BAE

Complementary

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



85EA78



DD78EA

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.



FF9CF0



85EA78



A8CCFF

Square

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



85EA78



00EEFF



FFB2FF



FFAD74

Rectangle

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



85EA78



00F3E3



FFB2FF



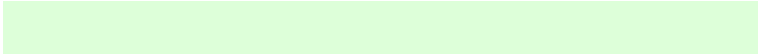
FF99C4

Sweetspot

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



85EA78



DFFD9



EADD78



6B8069



000000



808080

Same Dimension

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



85EA78



7CFF6B



78EAA4



6B756A



15B500



063600

Inverse Universe

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



DD78EA



EE6BFF



EA78BE



746A75



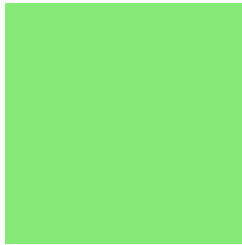
A000B5



2F0036

Previews

White Background



This preview shows how the Hex color 85EA78 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



This preview shows how the Hex color 85EA78 looks on a 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 85EA78 Background



This preview shows how black text looks on a background with the Hex color 85EA78.

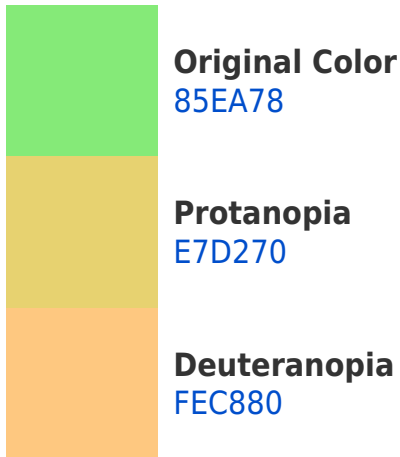


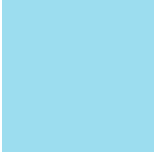
This preview shows how white text looks on a background with the Hex color 85EA78.

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
9CDDEF

Trichromacy



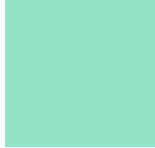
Original Color
85EA78



Protanomaly
C3DB73



Deuteranomaly
D2D47D



Tritanomaly
94E2C4

Monochromacy



Original Color
85EA78



Achromatopsia
BFBFBF



Achromatomaly
AACFA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 85EA78 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 #85EA78 looks like.

```
.text, #text, p{  
    color:#85EA78  
}
```

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 #85EA78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85EA78  
}
```

Border

The CSS property to change the border of an element to Hex 85EA78 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  
#85EA78 }
```

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

```
.border{ border-color:#85EA78 }
```

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

Here you see how a box with a 4 pixel #85EA78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85EA78; -webkit-box-shadow:4px 4px  
4px 4px #85EA78; box-shadow:4px 4px 4px  
4px #85EA78 }
```

Background

The CSS property to change the background color of an element to Hex 85EA78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85EA78 }
```

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

```
.background{ background-color:#85EA78 }
```

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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