

Converting Colors

Hex(EBFF85)

Have a look what the booklet for
Hex(EBFF85) contains.

Hex(EBFF85)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EBFF85)

Conversions

Conversions Part 1

Format	Color
Hex	EBFF85
RGB	235, 255, 133
RGB Percent	92%, 100%, 52%
CMY	0.0784, 0.0000, 0.4784
CMYK	0.08, 0.00, 0.48, 0.00
HSL	70°, 100%, 76%
HSV	70°, 48%, 100%
XYZ	74.2546, 90.8756, 35.8174
YIQ	235.1120, 27.2420, -42.1820

Conversions

Conversions Part 2

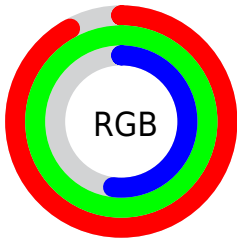
Format	Color
R_{YB}	133, 255, 153
Decimal	15466373
CIE _{Lab}	96.36, -23.80, 55.66
CIE _{LCh}	96, 60.536, 113.154
Yxy	90.8756, 0.3695, 0.4522
Android (android.graphics.Color)	4293656453 (0xFFEBFF85)
YUV	235.1120, -50.3412, -0.0982
Hunter-Lab	95.3287, -27.7859, 44.4533

Details

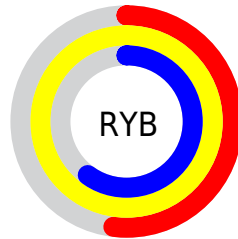
The Hex color **EBFF85** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9985FF**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFBC**, and **B1C64F** is the 20% darker color. If you saturate the color by 10%, you get **E7FF6C**, and if you desaturate by 10%, it is **EFFF9F**.

Distribution



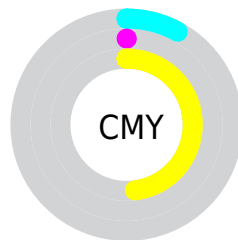
- Red (92%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBFF85 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 EBFF85 by changing the saturation by 10% instead.

 EBFF85

FFFFFF

 FFFFBC

 FFFFD9

 FFFFF6

 EBFF85

 CEE26A

 B1C64F

 95AB34

 7A9016

 5F7700

 455E00

 2B4600

 0F3000

 001D00

 EBFF85

 EBFF85

 E7FF6C

 EFFF9F

 E3FF52

 F3FFB8

 DEFF39

 F8FFD2

 DAFF1F

 FCFEB

 D6FF06

FFFFFF

 D5FF00

Harmonies

Analogous

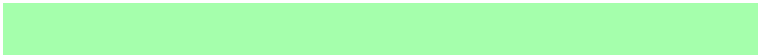
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFED7E



EBFF85



A5FFAC

Triad

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



EBFF85



00FFFF



FFC6FF

Complementary

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



EBFF85



9985FF

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.



FFD4FF



EBFF85



72FFFF

Square

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



EBFF85



00FFFF



E5EAFF



FFC7C9

Rectangle

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



EBFF85



69FFD0



E5EAFF



FFC9FF

Sweetspot

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



EBFF85



F9FFDB



FF9785



7C806A



000000



808080

Same Dimension

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



EBFF85



E7FF6E



B0FF85



7D8073



A0BF00



354000

Inverse Universe

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



9985FF



856EFF



D485FF



757380



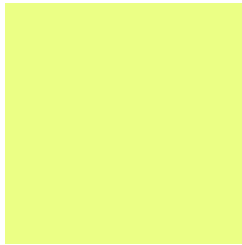
1F00BF



0A0040

Previews

White Background



This preview shows how the Hex color EBFF85 looks on a white background.

Color Contrast Check

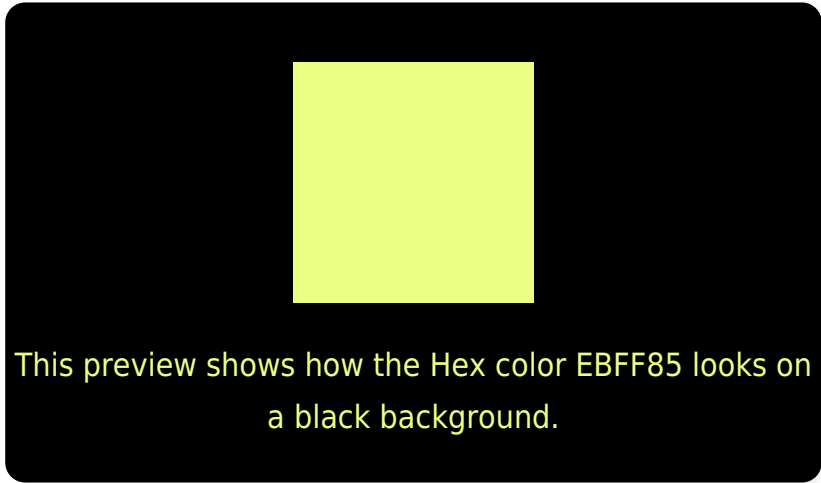
Large Text (above 18pt) WCAG AA × Fail

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

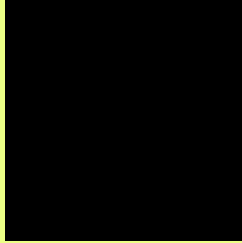
Any Text WCAG AA ✓ Pass

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 EBFF85 Background



This preview shows how black text looks on a background with the Hex color EBFF85.

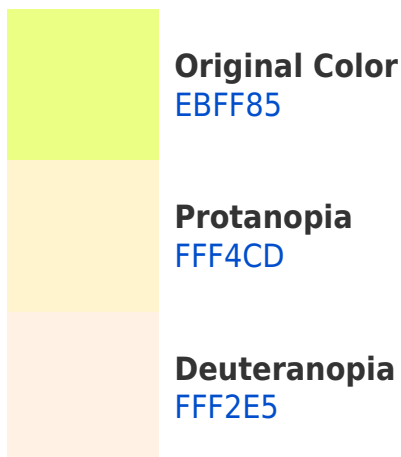


This preview shows how white text looks on a background with the Hex color EBFF85.

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



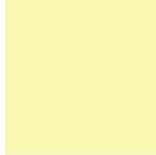


Tritanopia
F8F2FF

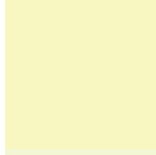
Trichromacy



Original Color
EBFF85



Protanomaly
F8F8B3



Deuteranomaly
F8F7C2

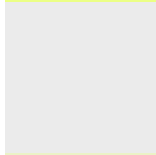


Tritanomaly
F3F7D3

Monochromacy



Original Color
EBFF85



Achromatopsia
EBEBEB



Achromatomaly
EBF2C6

CSS Examples

Text

The CSS property to change the color of the text to Hex EBFF85 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 #EBFF85 looks like.

```
.text, #text, p{  
    color:#EBFF85  
}
```

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 #EBFF85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBFF85  
}
```

Border

The CSS property to change the border of an element to Hex EBFF85 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  
#EBFF85 }
```

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

```
.border{ border-color:#EBFF85 }
```

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

Here you see how a box with a 4 pixel #EBFF85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBFF85; -webkit-box-shadow:4px 4px  
4px 4px #EBFF85; box-shadow:4px 4px 4px  
4px #EBFF85 }
```

Background

The CSS property to change the background color of an element to Hex EBFF85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBFF85 }
```

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

```
.background{ background-color:#EBFF85 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor