

Converting Colors

Hex(BEF893)

Have a look what the booklet for
Hex(BEF893) contains.

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Color

Hex(BEF893)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BEF893 |
| RGB | 190, 248, 147 |
| RGB Percent | 75%, 97%, 58% |
| CMY | 0.2549, 0.0275, 0.4235 |
| CMYK | 0.23, 0.00, 0.41, 0.03 |
| HSL | 94°, 88%, 77% |
| HSV | 94°, 41%, 97% |
| XYZ | 60.0691, 80.1885, 39.9157 |
| YIQ | 219.1440, -2.1470, -43.7070 |

Conversions

Conversions Part 2

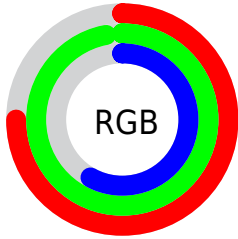
| Format | Color |
|-------------------------------------|--|
| RYB | 147, 248, 205 |
| Decimal | 12515475 |
| CIELab | 91.77, -35.44, 42.67 |
| CIElCh | 92, 55.469, 129.712 |
| Yxy | 80.1885, 0.3334, 0.4451 |
| Android (android.graphics.Color) | 4290705555 (0xFFBEF893) |
| YUV | 219.1440, -35.5670, -25.5593 |
| Hunter-Lab | 89.5481, -36.9708, 36.2553 |

Details

The Hex color **BEF893** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CD93F8**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **F8FFCA**, and **87BF5F** is the 20% darker color. If you saturate the color by 10%, you get **B0F87A**, and if you desaturate by 10%, it is **CCF8AC**.

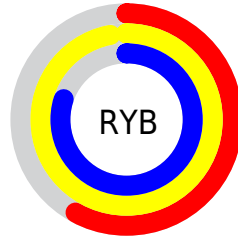
Distribution



Red (75%)

Green (97%)

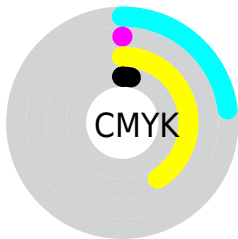
Blue (58%)



Red (58%)

Yellow (97%)

Blue (80%)

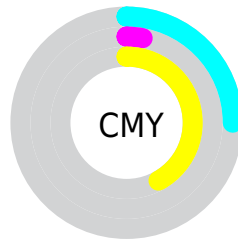


Cyan (23%)

Magenta (0%)

Yellow (41%)

Black (3%)



Cyan (25%)

Magenta (3%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEF893 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 BEF893 by changing the saturation by 10% instead.

 BEF893

FFFFFF

 F8FFCA


 FFFFE7

 BEF893

 A2DB78

 87BF5F

 6CA445

 51892C

 377011

 1A5700

 003F00

 002900

 000C00

 BEF893

 BEF893

 B0F87A

 CCF8AC

 A2F861

 DAF8C5

 93F849

 E9F8DD

 85F830

 F7F8F6

 77F817

 FFF8FF

 6AF800

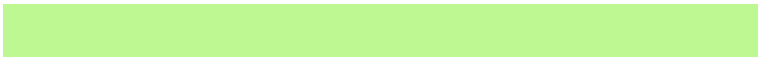
Harmonies

Analogous

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



F8EA7C



BEF893



77FFC1

Triad

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



BEF893



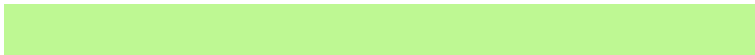
30F7FF



FFBCD8

Complementary

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



BEF893



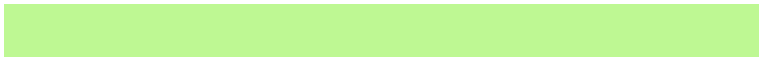
CD93F8

Split Complementary

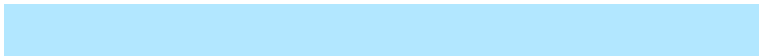
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC2FF



BEF893



B2E7FF

Square

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



BEF893



00FFFF



FFD3FF



FFC6A6

Rectangle

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



BEF893



27FFE5



FFD3FF



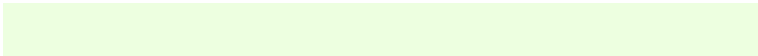
FFBCEA

Sweetspot

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



BEF893



EDFFE0



F8CC93



75806E



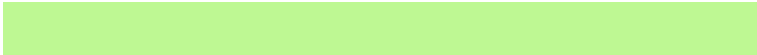
000000



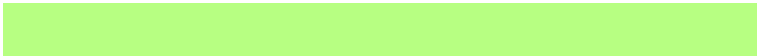
808080

Same Dimension

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



BEF893



B7FF82



93F89A



767D70



50BD00



1A3D00

Inverse Universe

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



CD93F8



CA82FF



F893F1



78707D



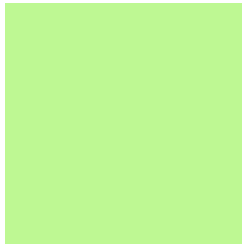
6C00BD



23003D

Previews

White Background



This preview shows how the Hex color BEF893 looks on a white background.

Color Contrast Check

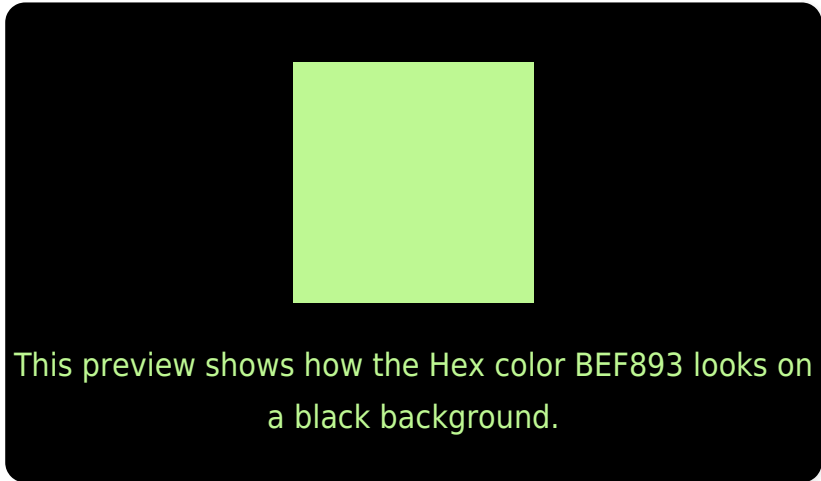
Large Text (above 18pt) WCAG AA × Fail

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

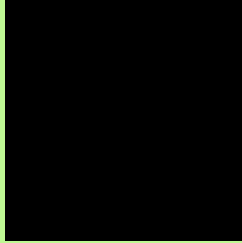
Any Text WCAG AA ✓ Pass

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 BEF893 Background



This preview shows how black text looks on a background with the Hex color BEF893.

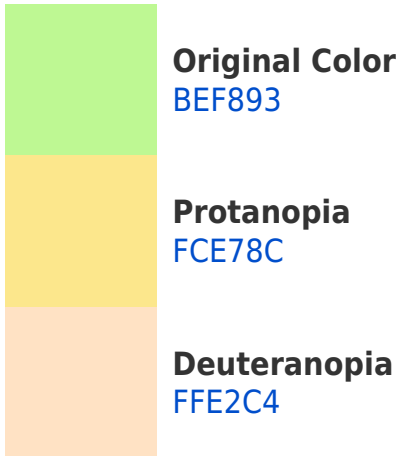


This preview shows how white text looks on a background with the Hex color BEF893.

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](#).

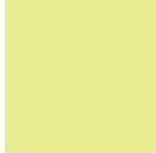
Dichromacy



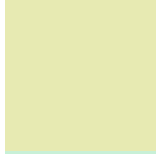
Trichromacy



Original Color
BEF893



Protanomaly
E5ED8F

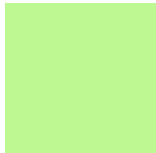


Deuteranomaly
E7EAB2

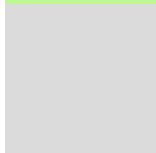


Tritanomaly
C8F0D7

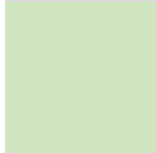
Monochromacy



Original Color
BEF893



Achromatopsia
DBDBDB



Achromatomaly
D0E6C1

CSS Examples

Text

The CSS property to change the color of the text to Hex BEF893 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 #BEF893 looks like.

```
.text, #text, p{  
    color:#BEF893  
}
```

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 #BEF893 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEF893
}
```

Border

The CSS property to change the border of an element to Hex BEF893 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
#BEF893 }
```

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

```
.border{ border-color:#BEF893 }
```

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

Here you see how a box with a 4 pixel #BEF893 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEF893; -webkit-box-shadow:4px 4px  
4px 4px #BEF893; box-shadow:4px 4px 4px  
4px #BEF893 }
```

Background

The CSS property to change the background color of an element to Hex BEF893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEF893 }
```

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

```
.background{ background-color:#BEF893 }
```

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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