

Converting Colors

Hex(BEF68A)

Have a look what the booklet for
Hex(BEF68A) contains.

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Color

Hex(BEF68A)

Conversions

Conversions Part 1

Format	Color
Hex	BEF68A
RGB	190, 246, 138
RGB Percent	75%, 96%, 54%
CMY	0.2549, 0.0353, 0.4588
CMYK	0.23, 0.00, 0.44, 0.04
HSL	91°, 86%, 75%
HSV	91°, 44%, 96%
XYZ	58.7784, 78.6937, 36.1362
YIQ	216.9440, 1.2920, -45.4600

Conversions

Conversions Part 2

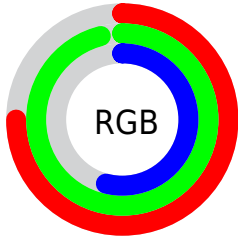
Format	Color
RYB	138, 246, 194
Decimal	12514954
CIELab	91.10, -35.63, 46.18
CIELCh	91, 58.326, 127.655
Yxy	78.6937, 0.3386, 0.4533
Android (android.graphics.Color)	4290705034 (0xFFBEF68A)
YUV	216.9440, -38.9194, -23.6299
Hunter-Lab	88.7094, -36.9684, 37.9446

Details

The Hex color **BEF68A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C28AF6**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **F8FFC1**, and **86BD56** is the 20% darker color. If you saturate the color by 10%, you get **B1F671**, and if you desaturate by 10%, it is **CBF6A3**.

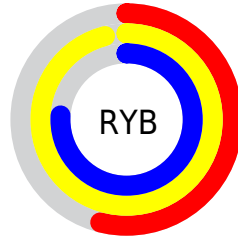
Distribution



Red (75%)

Green (96%)

Blue (54%)



Red (54%)

Yellow (96%)

Blue (76%)

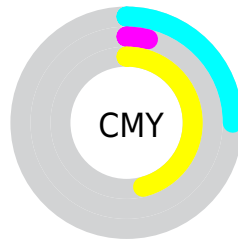


Cyan (23%)

Magenta (0%)

Yellow (44%)

Black (4%)



Cyan (25%)

Magenta (4%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEF68A 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 BEF68A by changing the saturation by 10% instead.

 BEF68A

 BEF68A

FFFFFF

 A2D96F

 F8FFC1

 86BD56

 FFFFDD

 6BA23C

 FFFFFA

 518822

 366E01

 1A5500

 003D00

 002800

 000700

 BEF68A

 BEF68A

 B1F671

 CBF6A3

 A4F659

 D8F6BB

 98F640

 E4F6D4

 8BF628

 F1F6EC

 7EF60F

 FEF6FF

 76F600

 FFF6FF

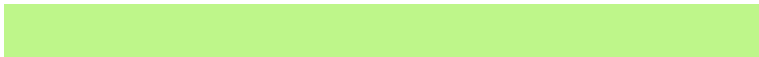
Harmonies

Analogous

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



FAE773



BEF68A



72FFB9

Triad

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



BEF68A



00F7FF



FFB7D9

Complementary

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



BEF68A



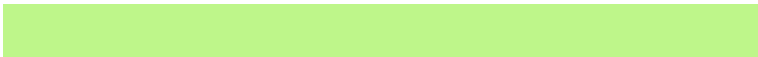
C28AF6

Split Complementary

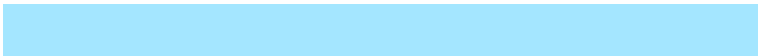
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBEFF



BEF68A



A4E6FF

Square

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



BEF68A



00FFFF



FDD1FF



FFC0A4

Rectangle

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



BEF68A



00FFDF



FDD1FF



FFB8EC

Sweetspot

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



BEF68A



EEFFDE



F6C28A



75806B



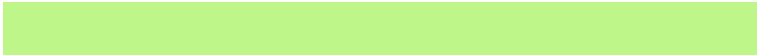
000000



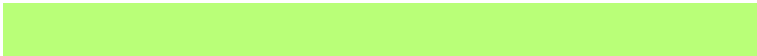
808080

Same Dimension

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



BEF68A



B9FF78



8AF68C



747A6E



5ABA00



1C3B00

Inverse Universe

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



C28AF6



BE78FF



F68AF4



756E7A



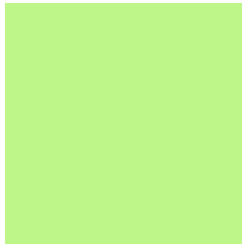
6100BA



1E003B

Previews

White Background



This preview shows how the Hex color BEF68A looks on a white background.

Color Contrast Check

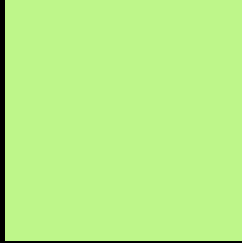
Large Text (above 18pt) WCAG AA × Fail

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 BEF68A 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 BEF68A Background



This preview shows how black text looks on a background with the Hex color BEF68A.

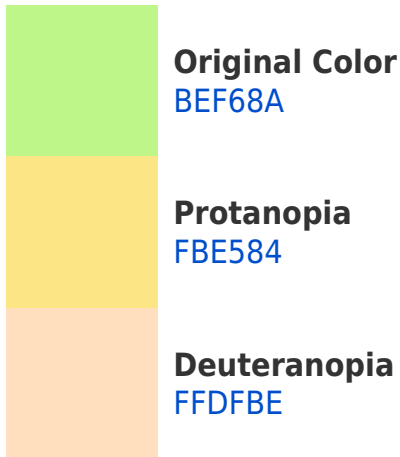


This preview shows how white text looks on a background with the Hex color BEF68A.

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



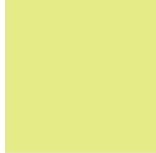


Tritanopia
CFE9FB

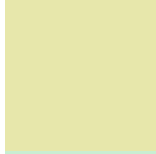
Trichromacy



Original Color
BEF68A



Protanomaly
E5EB86



Deuteranomaly
E7E7AB

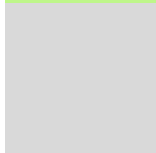


Tritanomaly
C9EED2

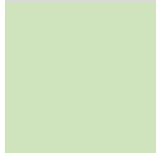
Monochromacy



Original Color
BEF68A



Achromatopsia
D9D9D9



Achromatomaly
CFE4BC

CSS Examples

Text

The CSS property to change the color of the text to Hex BEF68A 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 #BEF68A looks like.

```
.text, #text, p{  
    color:#BEF68A  
}
```

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 #BEF68A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEF68A
}
```

Border

The CSS property to change the border of an element to Hex BEF68A 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
#BEF68A }
```

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

```
.border{ border-color:#BEF68A }
```

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

Here you see how a box with a 4 pixel #BEF68A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEF68A; -webkit-box-shadow:4px 4px  
4px 4px #BEF68A; box-shadow:4px 4px 4px  
4px #BEF68A }
```

Background

The CSS property to change the background color of an element to Hex BEF68A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEF68A }
```

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

```
.background{ background-color:#BEF68A }
```

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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