

Converting Colors

Hex(BFE800)

Have a look what the booklet for
Hex(BFE800) contains.

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Color

Hex(BFE800)

Conversions

Conversions Part 1

Format	Color
Hex	BFE800
RGB	191, 232, 0
RGB Percent	75%, 91%, 0%
CMY	0.2510, 0.0902, 1.0000
CMYK	0.18, 0.00, 1.00, 0.09
HSL	71°, 100%, 45%
HSV	71°, 100%, 91%
XYZ	50.3425, 68.7896, 10.6244
YIQ	193.2930, 50.0360, -80.8440

Conversions

Conversions Part 2

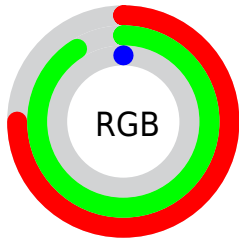
Format	Color
RYB	0, 232, 41
Decimal	12576768
CIELab	86.40, -36.83, 84.48
CIELCh	86, 92.156, 113.557
Yxy	68.7896, 0.3880, 0.5301
Android (android.graphics.Color)	4290766848 (0xFFBFE800)
YUV	193.2930, -95.2934, -2.0110
Hunter-Lab	82.9395, -36.7985, 50.4627

Details

The Hex color **BF8000** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **2900E8**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FBFF5A**, and **84B000** is the 20% darker color. If you saturate the color by 10%, you get **BF8000**, and if you desaturate by 10%, it is **C3E817**.

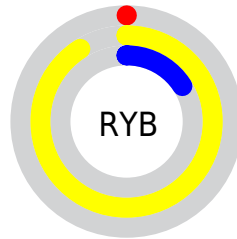
Distribution



Red (75%)

Green (91%)

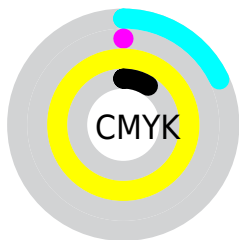
Blue (0%)



Red (0%)

Yellow (91%)

Blue (16%)

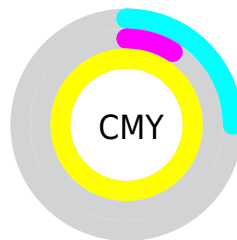


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (25%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFE800 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 BFE800 by changing the saturation by 10% instead.

 BFE800

 BFE800

FFFFFF

 A1CC00

 FBFF5A

 84B000

 FFFF78

 679600

 FFFF96

 4A7C00

 FFFFB3

 2C6200

 FFFFD1

 054A00

 FFFFEE

 003300

 001E00

 000000

 BFE800

 C3E817

 C7E82E

 CBE846

 CFE85D

 D3E874

 D8E88B

 DCE8A2

 E0E8BA

 E4E8D1

Harmonies

Analogous

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



FFCE00



BFE800



39F869

Triad

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



BFE800



00FAFF



FF7FEF

Complementary

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



BFE800



2900E8

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.



FFA0FF



BFE800



00E8FF

Square

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



BFE800



00FFFF



AFC9FF



FF8598

Rectangle

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



BFE800



00FDA3



AFC9FF



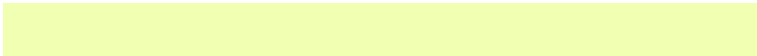
FF87FF

Sweetspot

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



BFE800



F1FFB3



E82700



778052



000000



808080

Same Dimension

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



BFE800



D2FF00



4DE800



717367



93B300



2A3300

Inverse Universe

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



2900E8



2D00FF



9B00E8



696773



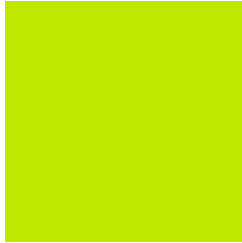
2000B3



090033

Previews

White Background



This preview shows how the Hex color BFE800 looks on a white background.

Color Contrast Check

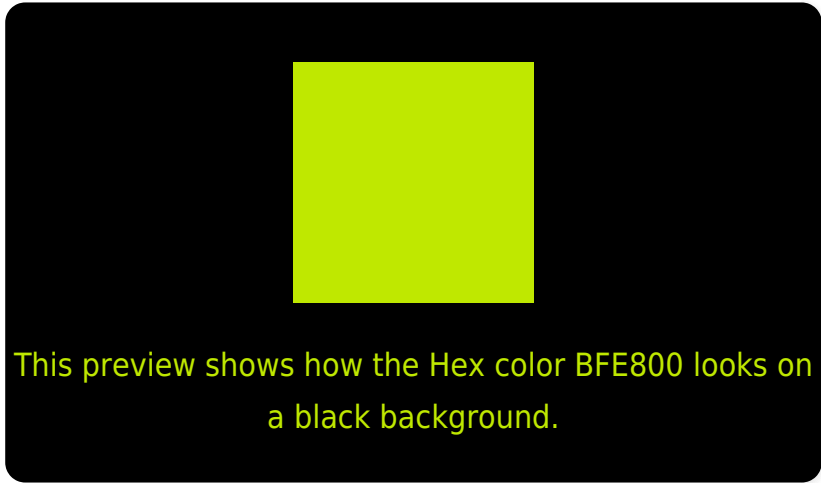
Large Text (above 18pt) WCAG AA × Fail

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 BFE800 Background



This preview shows how black text looks on a background with the Hex color BFE800.

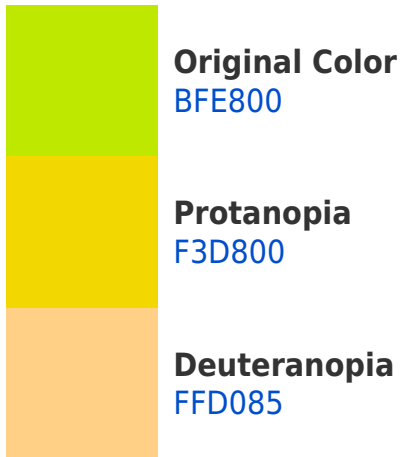


This preview shows how white text looks on a background with the Hex color BFE800.

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](#).

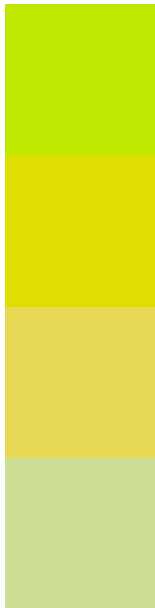
Dichromacy





Tritanopia
D2D8E9

Trichromacy



Original Color
BFE800

Protanomaly
E0DE00

Deuteranomaly
E8D955

Tritanomaly
CBDE94

Monochromacy



Original Color
BFE800

Achromatopsia
C1C1C1

Achromatomaly
C0CF7B

CSS Examples

Text

The CSS property to change the color of the text to Hex BFE800 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 #BFE800 looks like.

```
.text, #text, p{  
    color:#BFE800  
}
```

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 #BFE800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFE800
}
```

Border

The CSS property to change the border of an element to Hex BFE800 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
#BFE800 }
```

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

```
.border{ border-color:#BFE800 }
```

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

Here you see how a box with a 4 pixel #BFE800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFE800; -webkit-box-shadow:4px 4px  
4px 4px #BFE800; box-shadow:4px 4px 4px  
4px #BFE800 }
```

Background

The CSS property to change the background color of an element to Hex BFE800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFE800 }
```

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

```
.background{ background-color:#BFE800 }
```

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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