

Converting Colors

Hex(BEF12E)

Have a look what the booklet for
Hex(BEF12E) contains.

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Color

Hex(**BEF12E**)

Conversions

Conversions Part 1

Format	Color
Hex	BEF12E
RGB	190, 241, 46
RGB Percent	75%, 95%, 18%
CMY	0.2549, 0.0549, 0.8196
CMYK	0.21, 0.00, 0.81, 0.05
HSL	76°, 87%, 56%
HSV	76°, 81%, 95%
XYZ	53.1836, 74.0550, 14.0757
YIQ	203.5210, 32.1990, -71.4570

Conversions

Conversions Part 2

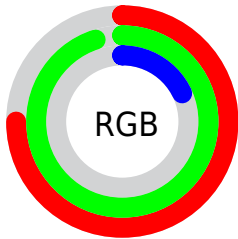
Format	Color
RYB	46, 241, 97
Decimal	12513582
CIELab	88.95, -40.35, 79.82
CIELCh	89, 89.436, 116.815
Yxy	74.0550, 0.3763, 0.5240
Android (android.graphics.Color)	4290703662 (0xFFBEF12E)
YUV	203.5210, -77.6579, -11.8579
Hunter-Lab	86.0552, -40.2805, 50.5408

Details

The Hex color **BEF12E** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **612EF1**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FAFF6E**, and **83B900** is the 20% darker color. If you saturate the color by 10%, you get **B8F116**, and if you desaturate by 10%, it is **C4F146**.

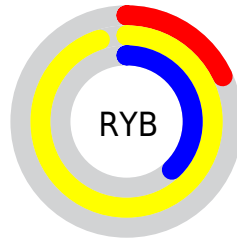
Distribution



Red (75%)

Green (95%)

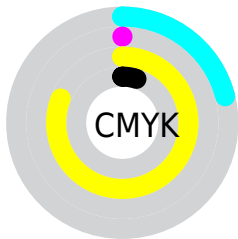
Blue (18%)



Red (18%)

Yellow (95%)

Blue (38%)

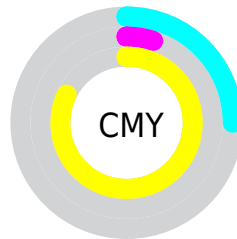


Cyan (21%)

Magenta (0%)

Yellow (81%)

Black (5%)



Cyan (25%)

Magenta (5%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEF12E 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 BEF12E by changing the saturation by 10% instead.

 BEF12E

 BEF12E

FFFFFF

 A1D500

 FAFF6E

 83B900

 FFFF8B

 669E00

 FFFFA9

 498300

 FFFF8B

 2A6A00

 FFFFE4

 005100

 003900

 002500

 000000

 BEF12E

 BEF12E

 B8F116

 C4F146

 B2F100

 CBF15E

 D1F176

 D7F18E

 DEF1A6

 E4F1BF

 EAF1D7

 F0F1EF

 F7F1FF

Harmonies

Analogous

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



FFD801



BEF12E



31FF7C

Triad

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



BEF12E



00FFFF



FF8AEC

Complementary

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



BEF12E



612EF1

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.



FFA5FF



BEF12E



00ECFF

Square

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



BEF12E



00FFFF



CCCDFF



FF9498

Rectangle

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



BEF12E



00FFB5



CCCDFF



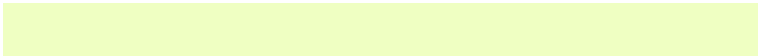
FF90FF

Sweetspot

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



BEF12E



EFFFC2



F15F2E



76805B



000000



808080

Same Dimension

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



BEF12E



BEFF08



5FF12E



75786C



88B800



293800

Inverse Universe

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



612EF1



4808FF



C02EF1



6F6C78



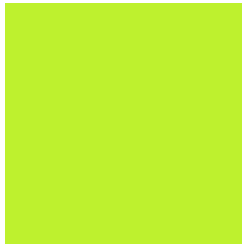
3000B8



0F0038

Previews

White Background



This preview shows how the Hex color BEF12E looks on a white background.

Color Contrast Check

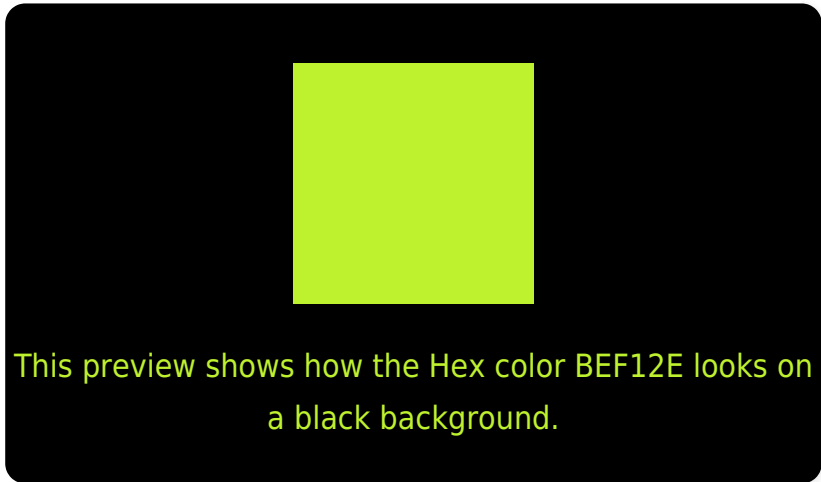
Large Text (above 18pt) WCAG AA × Fail

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 BEF12E Background



This preview shows how black text looks on a background with the Hex color BEF12E.



This preview shows how white text looks on a background with the Hex color BEF12E.

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



Original Color
BEF12E

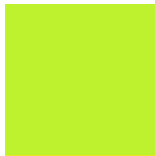
Protanopia
FBDF29

Deuteranopia
FFD9A2



Tritanopia
D2E0F2

Trichromacy



Original Color
BEF12E



Protanomaly
E5E62B



Deuteranomaly
E7E278

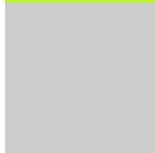


Tritanomaly
CBE6AB

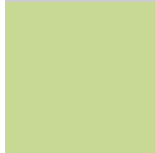
Monochromacy



Original Color
BEF12E



Achromatopsia
CCCCCC



Achromatomaly
C7D993

CSS Examples

Text

The CSS property to change the color of the text to Hex BEF12E 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 #BEF12E looks like.

```
.text, #text, p{  
    color:#BEF12E  
}
```

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 #BEF12E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEF12E
}
```

Border

The CSS property to change the border of an element to Hex BEF12E 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
#BEF12E }
```

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

```
.border{ border-color:#BEF12E }
```

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

Here you see how a box with a 4 pixel #BEF12E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEF12E; -webkit-box-shadow:4px 4px  
4px 4px #BEF12E; box-shadow:4px 4px 4px  
4px #BEF12E }
```

Background

The CSS property to change the background color of an element to Hex BEF12E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEF12E }
```

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

```
.background{ background-color:#BEF12E }
```

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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