

Converting Colors

Hex(BFEF43)

Have a look what the booklet for
Hex(BFEF43) contains.

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Color

Hex(BFEF43)

Conversions

Conversions Part 1

Format	Color
Hex	BFEF43
RGB	191, 239, 67
RGB Percent	75%, 94%, 26%
CMY	0.2510, 0.0627, 0.7373
CMYK	0.20, 0.00, 0.72, 0.06
HSL	77°, 84%, 60%
HSV	77°, 72%, 94%
XYZ	53.3655, 73.2146, 16.6294
YIQ	205.0400, 26.6040, -63.6680

Conversions

Conversions Part 2

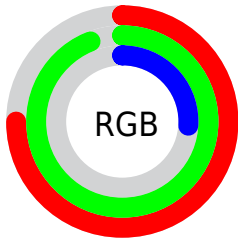
Format	Color
RYB	67, 239, 115
Decimal	12578627
CIELab	88.55, -38.16, 73.35
CIELCh	89, 82.684, 117.484
Yxy	73.2146, 0.3726, 0.5112
Android (android.graphics.Color)	4290768707 (0xFFBFEF43)
YUV	205.0400, -68.0537, -12.3131
Hunter-Lab	85.5655, -38.4129, 48.3731

Details

The Hex color **BFEF43** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **7343EF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FBFF7D**, and **85B700** is the 20% darker color. If you saturate the color by 10%, you get **B8EF2B**, and if you desaturate by 10%, it is **C6EF5B**.

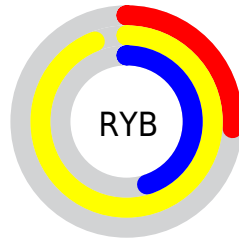
Distribution



Red (75%)

Green (94%)

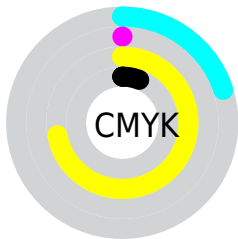
Blue (26%)



Red (26%)

Yellow (94%)

Blue (45%)

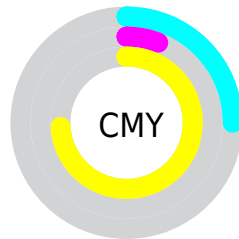


Cyan (20%)

Magenta (0%)

Yellow (72%)

Black (6%)



Cyan (25%)

Magenta (6%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFEF43 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 BFEF43 by changing the saturation by 10% instead.

 BFEF43

 BFEF43

FFFFFF

 A2D320

 FBFF7D

 85B700

 FFFF9A

 699C00

 FFFFB7

 4C8200

 FFFFD4

 2F6800

 FFFFF2

 095000

 003800

 002400

 000000

 BFEF43

 BFEF43

 B8EF2B

 C6EF5B

 B2EF13

 CCEF73

 ACEF00

 D3EF8B

 DAEFA3

 E0EFBA

 E7EFD2

 EEEFEA

 F4EFFF

 FBEFFF

Harmonies

Analogous

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



FFD82B



BFEF43



49FD85

Triad

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



BFEF43



00FBFF



FF93E8

Complementary

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



BFEF43



7343EF

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.



FFA9FF



BFEF43



00E9FF

Square

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



BFEF43



00FFFF



D2CCFF



FF9B9A

Rectangle

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



BFEF43



00FFB9



D2CCFF



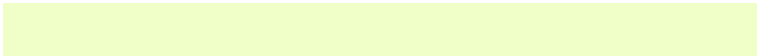
FF98FF

Sweetspot

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



BFEF43



EFFFC7



EF7143



76805E



000000



808080

Same Dimension

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



BFEF43



C2FF24



6BEF43



75786C



84B800



283800

Inverse Universe

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



7343EF



6124FF



C743EF



6F6C78



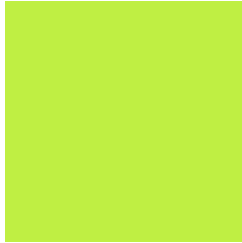
3300B8



100038

Previews

White Background



This preview shows how the Hex color BFEF43 looks on a white background.

Color Contrast Check

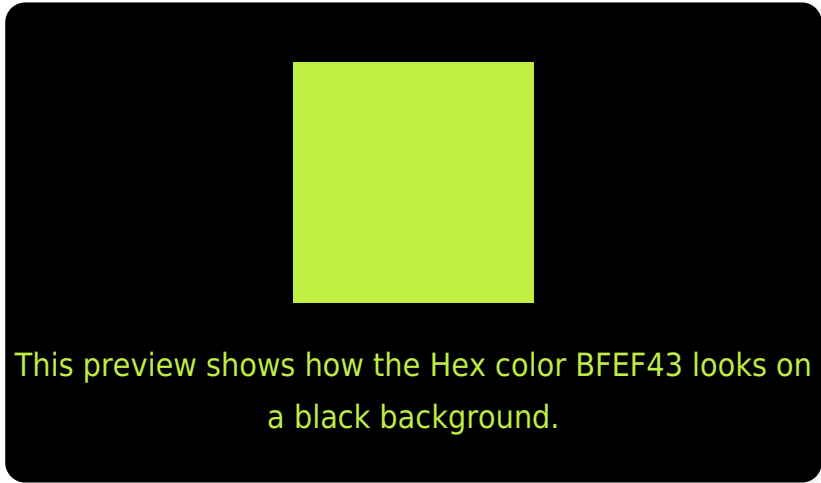
Large Text (above 18pt) WCAG AA × Fail

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 BFEF43 Background



This preview shows how black text looks on a background with the Hex color BFEF43.

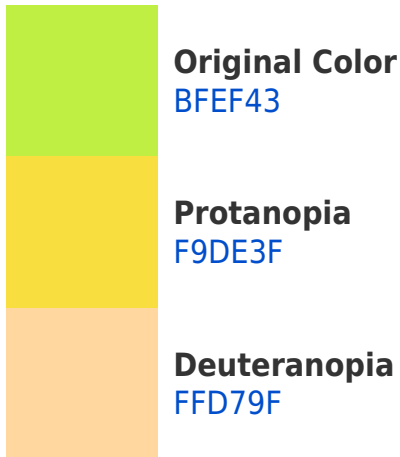


This preview shows how white text looks on a background with the Hex color BFEF43.

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
D2DFF1

Trichromacy



Original Color
BFEF43



Protanomaly
E4E440



Deuteranomaly
E8E07E

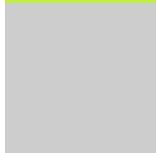


Tritanomaly
CBE5B2

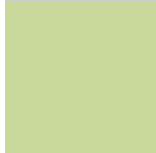
Monochromacy



Original Color
BFEF43



Achromatopsia
CDCDCD



Achromatomaly
C8D99B

CSS Examples

Text

The CSS property to change the color of the text to Hex BFEF43 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 #BFEF43 looks like.

```
.text, #text, p{  
    color:#BFEF43  
}
```

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 #BFEF43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFEF43
}
```

Border

The CSS property to change the border of an element to Hex BFEF43 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
#BFEF43 }
```

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

```
.border{ border-color:#BFEF43 }
```

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

Here you see how a box with a 4 pixel #BFEF43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFEF43; -webkit-box-shadow:4px 4px  
4px 4px #BFEF43; box-shadow:4px 4px 4px  
4px #BFEF43 }
```

Background

The CSS property to change the background color of an element to Hex BFEF43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFEF43 }
```

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

```
.background{ background-color:#BFEF43 }
```

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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