

Converting Colors

Hex(EBFF46)

Have a look what the booklet for
Hex(EBFF46) contains.

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Color

Hex(EBFF46)

Conversions

Conversions Part 1

Format	Color
Hex	EBFF46
RGB	235, 255, 70
RGB Percent	92%, 100%, 27%
CMY	0.0784, 0.0000, 0.7255
CMYK	0.08, 0.00, 0.73, 0.00
HSL	66°, 100%, 64%
HSV	66°, 73%, 100%
XYZ	71.1264, 89.6244, 19.3448
YIQ	227.9300, 47.4650, -61.7750

Conversions

Conversions Part 2

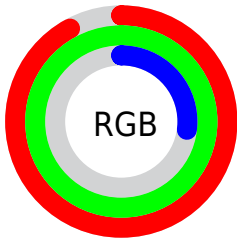
Format	Color
RYB	70, 255, 90
Decimal	15466310
CIELab	95.84, -28.13, 80.39
CIELCh	96, 85.174, 109.285
Yxy	89.6244, 0.3949, 0.4976
Android (android.graphics.Color)	4293656390 (0xFFEBFF46)
YUV	227.9300, -77.8595, 6.2004
Hunter-Lab	94.6701, -31.5643, 54.1538

Details

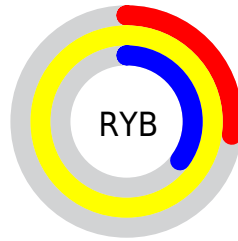
The Hex color **EBFF46** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **5A46FF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFF82**, and **AFC600** is the 20% darker color. If you saturate the color by 10%, you get **E8FF2D**, and if you desaturate by 10%, it is **EEFF60**.

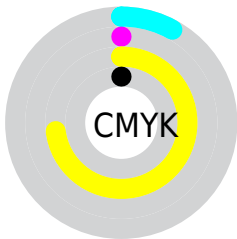
Distribution



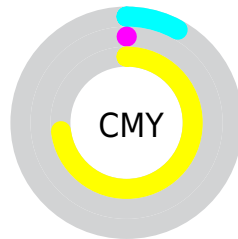
- Red (92%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (35%)



- Cyan (8%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBFF46 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 EBFF46 by changing the saturation by 10% instead.

 EBFF46

 EBFF46

FFFFFF

 CDE221

 FFFF82

 AFC600

 FFFF9F

 92AB00

 FFFFBC

 759100

 FFFFDA

 5A7700

 FFFFF8

 3D5E00

 204600

 013000

 001D00

 EBFF46

 EBFF46

 E8FF2D

 EEFF60

 E5FF13

 F1FF79

 E3FF00

 F3FF93

 F6FFAC

 F9FFC6

 FCFFDF

 FEFFF9

FFFFFF

Harmonies

Analogous

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



FFE443



EBFF46



86FF81

Triad

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



EBFF46



00FFFF



FFA9FF

Complementary

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



EBFF46



5A46FF

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.



FFC6FF



EBFF46



00FFFF

Square

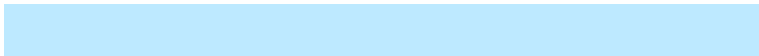
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EBFF46



00FFFF



BDE9FF



FFA9C1

Rectangle

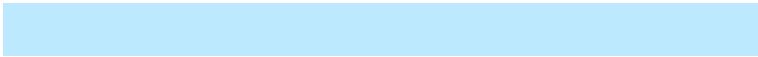
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBFF46



00FFB5



BDE9FF



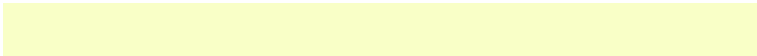
FFB1FF

Sweetspot

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



EBFF46



F9FFC7



FF5946



7C805E



000000



808080

Same Dimension

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



EBFF46



E7FF21



90FF46



7E8073



ABBF00



394000

Inverse Universe

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



5A46FF



3921FF



B546FF



747380



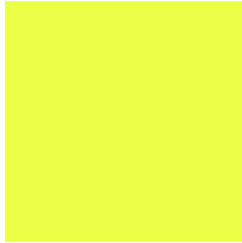
1500BF



070040

Previews

White Background



This preview shows how the Hex color EBFF46 looks on a white background.

Color Contrast Check

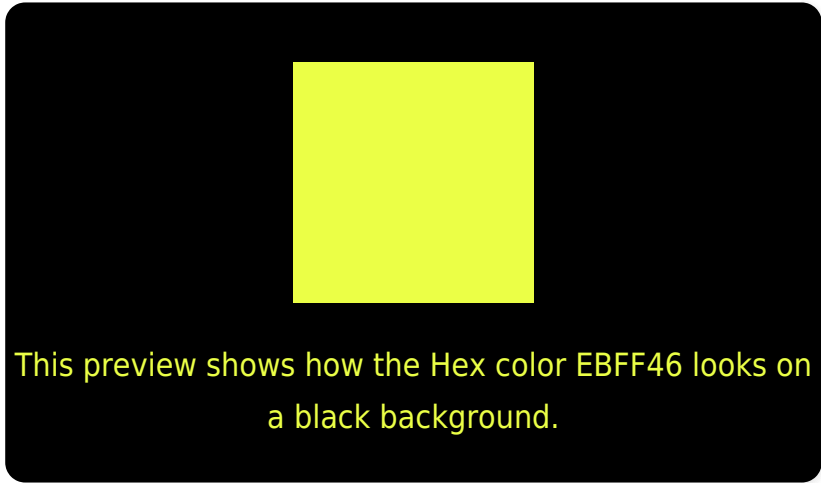
Large Text (above 18pt) WCAG AA × Fail

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 EBFF46 Background



This preview shows how black text looks on a background with the Hex color EBFF46.

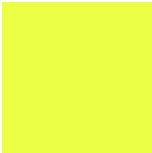
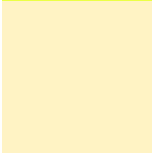



This preview shows how white text looks on a background with the Hex color EBFF46.

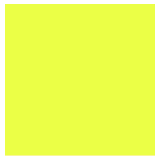
Color Blindness Simulation

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 EBFF46
	Protanopia FFF3C4
	Deuteranopia FFF0DF

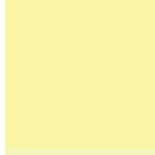
Trichromacy



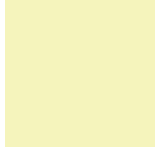
Original Color
EBFF46



Protanomaly
F8F796

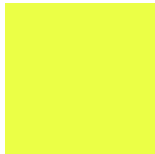


Deuteranomaly
F8F5A7

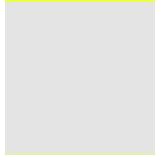


Tritanomaly
F5F4BC

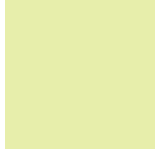
Monochromacy



Original Color
EBFF46



Achromatopsia
E4E4E4



Achromatomaly
E7EEAB

CSS Examples

Text

The CSS property to change the color of the text to Hex EBFF46 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 #EBFF46 looks like.

```
.text, #text, p{  
    color:#EBFF46  
}
```

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 #EBFF46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBFF46
}
```

Border

The CSS property to change the border of an element to Hex EBFF46 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
#EBFF46 }
```

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

```
.border{ border-color:#EBFF46 }
```

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

Here you see how a box with a 4 pixel #EBFF46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBFF46; -webkit-box-shadow:4px 4px  
4px 4px #EBFF46; box-shadow:4px 4px 4px  
4px #EBFF46 }
```

Background

The CSS property to change the background color of an element to Hex EBFF46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBFF46 }
```

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

```
.background{ background-color:#EBFF46 }
```

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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