

Converting Colors

Hex(EBF46A)

Have a look what the booklet for
Hex(EBF46A) contains.

Hex(EBF46A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EBF46A)

Conversions

Conversions Part 1

Format	Color
Hex	EBF46A
RGB	235, 244, 106
RGB Percent	92%, 96%, 42%
CMY	0.0784, 0.0431, 0.5843
CMYK	0.04, 0.00, 0.57, 0.04
HSL	64°, 86%, 69%
HSV	64°, 57%, 96%
XYZ	69.2132, 83.4041, 26.0864
YIQ	225.5770, 38.9340, -44.8260

Conversions

Conversions Part 2

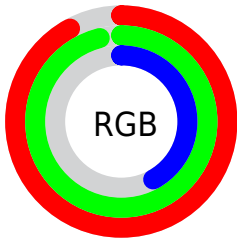
Format	Color
RYB	106, 244, 115
Decimal	15463530
CIELab	93.19, -20.82, 64.04
CIELCh	93, 67.341, 108.006
Yxy	83.4041, 0.3873, 0.4667
Android (android.graphics.Color)	4293653610 (0xFFEBF46A)
YUV	225.5770, -58.9515, 8.2640
Hunter-Lab	91.3259, -24.5404, 46.9925

Details

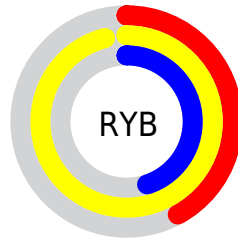
The Hex color **EBF46A** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **736AF4**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFA1**, and **B1BC32** is the 20% darker color. If you saturate the color by 10%, you get **E9F452**, and if you desaturate by 10%, it is **EDF482**.

Distribution



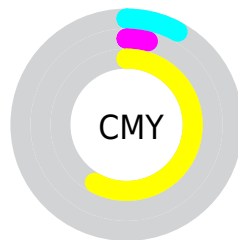
- Red (92%)
- Green (96%)
- Blue (42%)



- Red (42%)
- Yellow (96%)
- Blue (45%)



- Cyan (4%)
- Magenta (0%)
- Yellow (57%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBF46A 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 EBF46A by changing the saturation by 10% instead.

 EBF46A

 EBF46A

FFFFFF

 CDD84E

 FFFFA1

 B1BC32

 FFFFBE

 94A10C

 FFFFDB

 788700

 FFFFF8

 5D6E00

 425500

 283E00

 0D2800

 001300

 EBF46A

 EBF46A

 E9F452

 EDF482

 E8F439

 EEF49B

 E6F421

 F0F4B3

 E5F408

 F1F4CC

 E4F400

 F3F4E4

 F5F4FC

 F6F4FF

 F8F4FF

 F9F4FF

Harmonies

Analogous

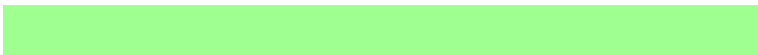
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDF69



EBF46A



A0FF91

Triad

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



EBF46A



00FFFF



FFB7FF

Complementary

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



EBF46A



736AF4

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.



FFCBFF



EBF46A



00FAFF

Square

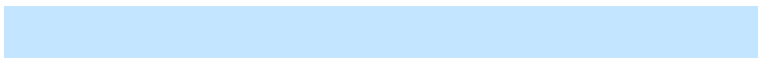
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EBF46A



00FFFF



C4E5FF



FFB5C7

Rectangle

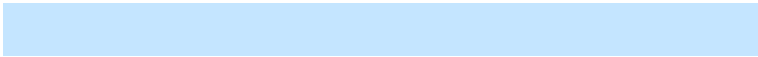
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBF46A



59FFB8



C4E5FF



FFBCFF

Sweetspot

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



EBF46A



FCFFD4



F4716A



7E8066



000000



808080

Same Dimension

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



EBF46A



F4FF52



A8F46A



7A7A6E



AEBA00



373B00

Inverse Universe

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



736AF4



5D52FF



B66AF4



6F6E7A



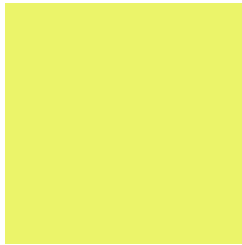
0C00BA



04003B

Previews

White Background



This preview shows how the Hex color EBF46A 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 EBF46A 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 EBF46A Background



This preview shows how black text looks on a background with the Hex color EBF46A.

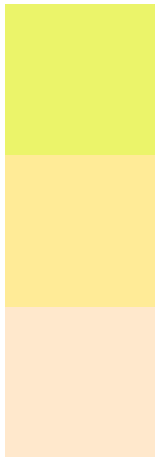


This preview shows how white text looks on a background with the Hex color EBF46A.

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
EBF46A

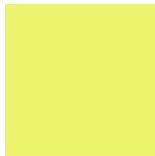
Protanopia
FFEB97

Deuteranopia
FFE8CC



Tritanopia
FAE5F7

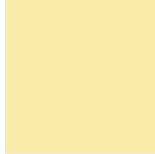
Trichromacy



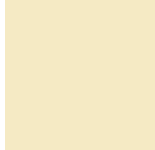
Original Color
EBF46A



Protanomaly
F8EE87



Deuteranomaly
F8ECA8

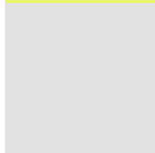


Tritanomaly
F5EAC4

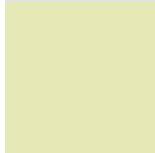
Monochromacy



Original Color
EBF46A



Achromatopsia
E2E2E2



Achromatomaly
E5E9B6

CSS Examples

Text

The CSS property to change the color of the text to Hex EBF46A 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 #EBF46A looks like.

```
.text, #text, p{  
    color:#EBF46A  
}
```

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 #EBF46A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBF46A
}
```

Border

The CSS property to change the border of an element to Hex EBF46A 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
#EBF46A }
```

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

```
.border{ border-color:#EBF46A }
```

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

Here you see how a box with a 4 pixel #EBF46A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBF46A; -webkit-box-shadow:4px 4px  
4px 4px #EBF46A; box-shadow:4px 4px 4px  
4px #EBF46A }
```

Background

The CSS property to change the background color of an element to Hex EBF46A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBF46A }
```

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

```
.background{ background-color:#EBF46A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor