

Converting Colors

Hex(EBF711)

Have a look what the booklet for
Hex(EBF711) contains.

Hex(EBF711)	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(EBF711)

Conversions

Conversions Part 1

Format	Color
Hex	EBF711
RGB	235, 247, 17
RGB Percent	92%, 97%, 7%
CMY	0.0784, 0.0314, 0.9333
CMYK	0.05, 0.00, 0.93, 0.03
HSL	63°, 93%, 52%
HSV	63°, 93%, 97%
XYZ	67.6229, 84.2242, 13.2231
YIQ	217.1920, 66.6780, -74.0740

Conversions

Conversions Part 2

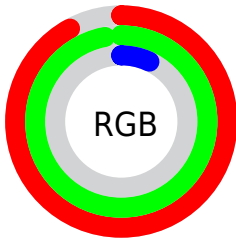
Format	Color
R _Y B	17, 247, 29
Decimal	15464209
CIE Lab	93.55, -25.83, 89.83
CIE LCh	94, 93.472, 106.039
Yxy	84.2242, 0.4097, 0.5102
Android (android.graphics.Color)	4293654289 (0xFFEBF711)
YUV	217.1920, -98.6947, 15.6176
Hunter-Lab	91.7737, -29.0774, 55.6989

Details

The Hex color **EBF711** 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 **1D11F7**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFF62**, and **AEBF00** is the 20% darker color. If you saturate the color by 10%, you get **EAF700**, and if you desaturate by 10%, it is **ECF72A**.

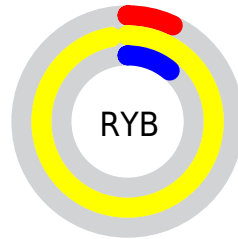
Distribution



Red (92%)

Green (97%)

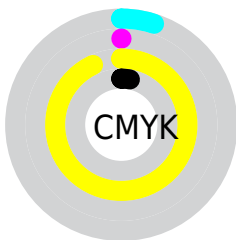
Blue (7%)



Red (7%)

Yellow (97%)

Blue (11%)

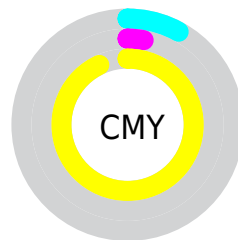


Cyan (5%)

Magenta (0%)

Yellow (93%)

Black (3%)



Cyan (8%)

Magenta (3%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBF711 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 EBF711 by changing the saturation by 10% instead.

 EBF711

 EBF711

FFFFFF

 CDDB00

 FFFF62

 AEBF00

 FFFF81

 91A400

 FFFF9F

 748A00

 FFFFBD

 577000

 FFFFDB

 3B5800

 FFFFF9

 1F4000

 012A00

 001500

 EBF711

 EBF711

 EAF700

 ECF72A

 EEF742

 EFF75B

 F0F774

 F1F78D

 F3F7A5

 F4F7BE

 F5F7D7

 F7F7EF

Harmonies

Analogous

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



FFD921



EBF711



7FFF65

Triad

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



EBF711



00FFFF



FF99FF

Complementary

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



EBF711



1D11F7

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.



FFBEFF



EBF711



00FFFF

Square

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



EBF711



00FFFF



90E6FF



FF94C0

Rectangle

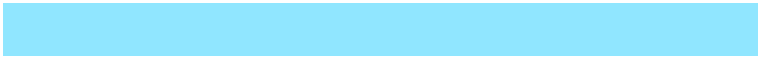
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBF711



00FF9F



90E6FF



FFA3FF

Sweetspot

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



EBF711



FBFFB8



F71D11



7D8054



000000



808080

Same Dimension

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



EBF711



F2FF00



78F711



7A7A6E



B0BA00



383B00

Inverse Universe

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



1D11F7



0D00FF



8F11F7



6F6E7A



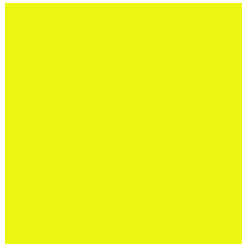
0A00BA



03003B

Previews

White Background



This preview shows how the Hex color EBF711 looks on a white background.

Color Contrast Check

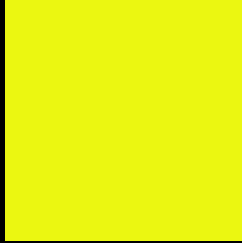
Large Text (above 18pt) WCAG AA × Fail

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 EBF711 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 EBF711 Background



This preview shows how black text looks on a background with the Hex color EBF711.



This preview shows how white text looks on a background with the Hex color EBF711.

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
EBF711

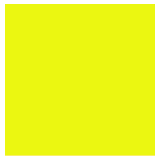
Protanopia
FFEC9B

Deuteranopia
FFE9CD



Tritanopia
FCE6F8

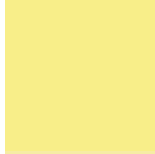
Trichromacy



Original Color
EBF711



Protanomaly
F8F069

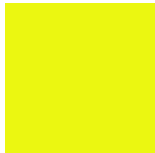


Deuteranomaly
F8EE89



Tritanomaly
F6ECA4

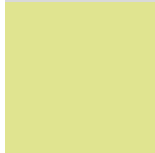
Monochromacy



Original Color
EBF711



Achromatopsia
D9D9D9



Achromatomaly
E0E490

CSS Examples

Text

The CSS property to change the color of the text to Hex EBF711 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 #EBF711 looks like.

```
.text, #text, p{  
    color:#EBF711  
}
```

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 #EBF711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBF711
}
```

Border

The CSS property to change the border of an element to Hex EBF711 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
#EBF711 }
```

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

```
.border{ border-color:#EBF711 }
```

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

Here you see how a box with a 4 pixel #EBF711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBF711; -webkit-box-shadow:4px 4px  
4px 4px #EBF711; box-shadow:4px 4px 4px  
4px #EBF711 }
```

Background

The CSS property to change the background color of an element to Hex EBF711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBF711 }
```

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

```
.background{ background-color:#EBF711 }
```

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