

# Converting Colors

Hex(EBF26C)

Have a look what the booklet for  
Hex(EBF26C) contains.

<b>Hex(EBF26C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(EBF26C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBF26C
RGB	235, 242, 108
RGB Percent	92%, 95%, 42%
CMY	0.0784, 0.0510, 0.5765
CMYK	0.03, 0.00, 0.55, 0.05
HSL	63°, 84%, 69%
HSV	63°, 55%, 95%
XYZ	68.7199, 82.2491, 26.4411
YIQ	224.6310, 38.8420, -43.1580

# Conversions

## Conversions Part 2

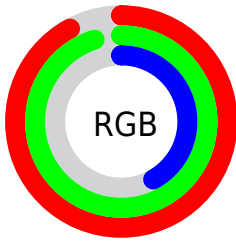
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 242, 115
Decimal	15463020
CIELab	92.68, -19.70, 62.61
CIELCh	93, 65.637, 107.470
Yxy	82.2491, 0.3874, 0.4636
Android (android.graphics.Color)	4293653100 (0xFFEBF26C)
YUV	224.6310, -57.4991, 9.0936
Hunter-Lab	90.6913, -23.4543, 46.1979

# Details

The Hex color **EBF26C** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **736CF2**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFA3**, and **B1BA34** is the 20% darker color. If you saturate the color by 10%, you get **EAF254**, and if you desaturate by 10%, it is **ECF284**.

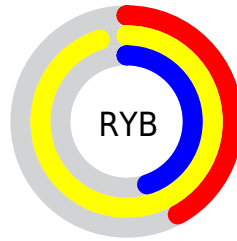
# Distribution



Red (92%)

Green (95%)

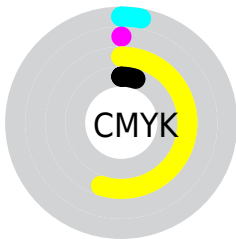
Blue (42%)



Red (42%)

Yellow (95%)

Blue (45%)

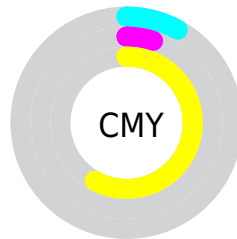


Cyan (3%)

Magenta (0%)

Yellow (55%)

Black (5%)



Cyan (8%)

Magenta (5%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBF26C 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 EBF26C by changing the saturation by 10% instead.



 EBF26C

 EBF26C


FFFFFF

 CED651

 FFFFA3

 B1BA34

 FFFFC0

 949F12

 FFFFDC

 788500

 FFFFFA

 5D6C00

 435400

 283D00

 0E2700

 001100

 EBF26C

 EBF26C

 EAF254

 ECF284

 E8F23C

 EEF29C

 E7F223

 EFF2B5

 E6F20B

 F0F2CD

 E5F200

 F1F2E5

 F3F2FD

 F4F2FF

 F5F2FF

 F6F2FF

# Harmonies

## Analogous

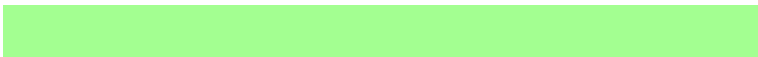
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDD6C



EBF26C



A3FF91

# Triad

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



EBF26C



00FFFF



FFB8FF

# Complementary

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



EBF26C



736CF2

# 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



EBF26C



00F8FF

# Square

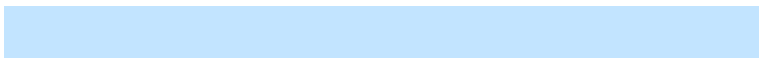
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EBF26C



00FFFF



C2E4FF



FFB6C7

# Rectangle

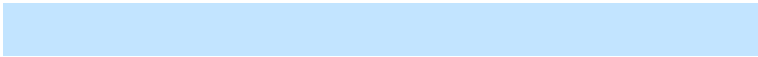
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBF26C



60FFB7



C2E4FF



FFBCFF



# Sweetspot

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



EBF26C



FDFFD4



F2736C



7E8066



000000



808080



# Same Dimension

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



EBF26C



F6FF57



A8F26C



77786C



AEB800



353800



# Inverse Universe

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



736CF2



5F57FF



B66CF2



6C6C78



0A00B8

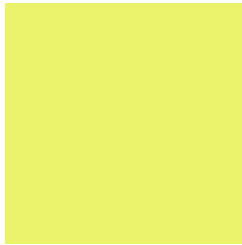


030038



# Previews

## White Background



This preview shows how the Hex color EBF26C looks on a white background.

## Color Contrast Check

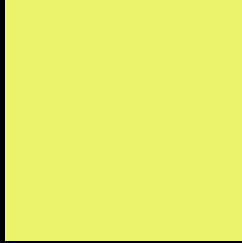
Large Text (above 18pt) WCAG AA × Fail

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 EBF26C 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 EBF26C Background



This preview shows how black text looks on a background with the Hex color EBF26C.

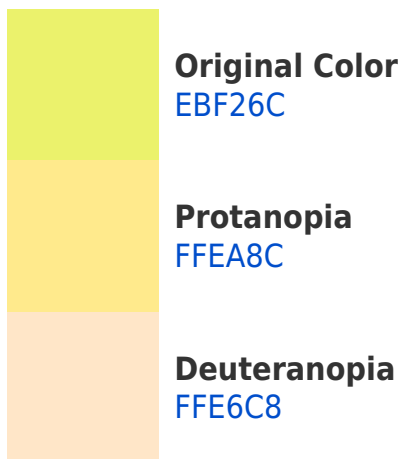


This preview shows how white text looks on a background with the Hex color EBF26C.

# 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](#).

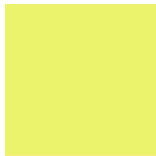
## Dichromacy



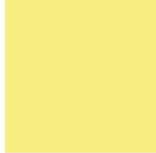


**Tritanopia**  
F9E3F5

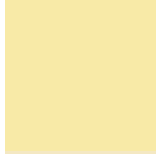
# Trichromacy



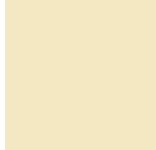
**Original Color**  
EBF26C



**Protanomaly**  
F8ED80



**Deuteranomaly**  
F8EAA7

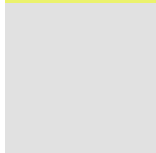


**Tritanomaly**  
F4E8C3

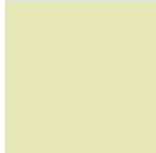
# Monochromacy



**Original Color**  
EBF26C



**Achromatopsia**  
E1E1E1



**Achromatomaly**  
E5E7B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBF26C 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 #EBF26C looks like.

```
.text, #text, p{  
    color:#EBF26C  
}
```

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 #EBF26C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBF26C
}
```

## Border

The CSS property to change the border of an element to Hex EBF26C 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
#EBF26C }
```

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

```
.border{ border-color:#EBF26C }
```

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

Here you see how a box with a 4 pixel #EBF26C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBF26C; -webkit-box-shadow:4px 4px  
4px 4px #EBF26C; box-shadow:4px 4px 4px  
4px #EBF26C }
```

# Background

The CSS property to change the background color of an element to Hex EBF26C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBF26C }
```

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

```
.background{ background-color:#EBF26C }
```

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