

# Converting Colors

Hex(EBF200)

Have a look what the booklet for  
Hex(EBF200) contains.

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**Color**

**Hex(EBF200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBF200
RGB	235, 242, 0
RGB Percent	92%, 95%, 0%
CMY	0.0784, 0.0510, 1.0000
CMYK	0.03, 0.00, 1.00, 0.05
HSL	62°, 100%, 47%
HSV	62°, 100%, 95%
XYZ	66.0131, 81.1664, 12.1874
YIQ	212.3190, 73.5100, -76.7460

# Conversions

## Conversions Part 2

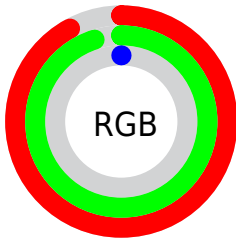
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 242, 7</a>
Decimal	<a href="#">15462912</a>
CIELab	<a href="#">92.21, -23.61, 90.18</a>
CIELCh	<a href="#">92, 93.215, 104.673</a>
Yxy	<a href="#">81.1664, 0.4142, 0.5093</a>
Android (android.graphics.Color)	<a href="#">4293652992 (0xFFEBF200)</a>
YUV	<a href="#">212.3190, -104.6733, 19.8912</a>
Hunter-Lab	<a href="#">90.0924, -26.8701, 55.0441</a>

# Details

The Hex color **EBF200** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **0700F2**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF5D**, and **AEBA00** is the 20% darker color. If you saturate the color by 10%, you get **EBF200**, and if you desaturate by 10%, it is **ECF218**.

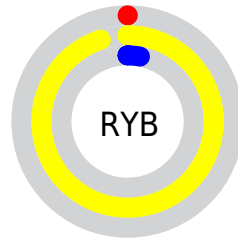
# Distribution



Red (92%)

Green (95%)

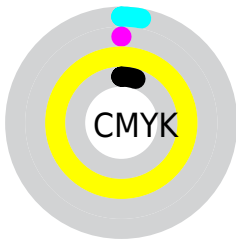
Blue (0%)



Red (0%)

Yellow (95%)

Blue (3%)

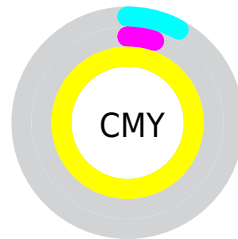


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (8%)

Magenta (5%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBF200 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 EBF200 by changing the saturation by 10% instead.



 EBF200

 EBF200

FFFFFF

 CCD600

 FFFF5D

 AEBA00

 FFFF7C

 919F00

 FFFF9A

 748500

 FFFFB8

 576C00

 FFFFD6

 3B5400

 FFFFF4

 203D00

 032700

 000E00

 EBF200

 ECF218

 ECF230

 EDF249

 EEF261

 EEF279

 EFF291

 F0F2A9

 F1F2C2

 F1F2DA

# Harmonies

## Analogous

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



FFD420



EBF200



82FF5E

# Triad

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



EBF200



00FFFF



FF97FF

# Complementary

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



EBF200



0700F2

# 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.



FFBCFF



EBF200



00FFFF

# Square

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



EBF200



00FFFF



7FE4FF



FF8FC0

# Rectangle

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



EBF200



00FF98



7FE4FF



FFA1FF



# Sweetspot

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



EBF200



FDFFB3



F20400



7E8052



000000



808080



# Same Dimension

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



EBF200



F8FF00



75F200



78786C



B2B800



363800



# Inverse Universe

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



0700F2



0700FF



7D00F2



6C6C78



0500B8

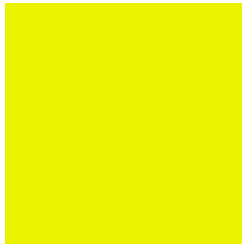


020038



# Previews

## White Background



This preview shows how the Hex color EBF200 looks on a white background.

## Color Contrast Check

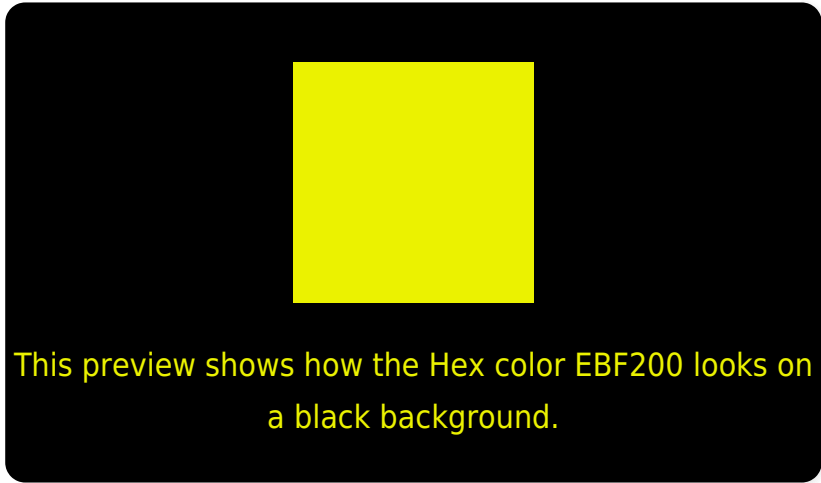
Large Text (above 18pt) WCAG AA × Fail

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 EBF200 Background



This preview shows how black text looks on a background with the Hex color EBF200.

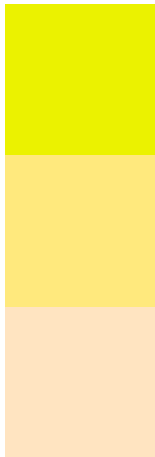


This preview shows how white text looks on a background with the Hex color EBF200.

# 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**  
EBF200

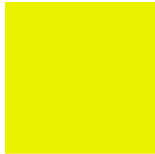
**Protanopia**  
FFE97D

**Deuteranopia**  
FFE4C1



**Tritanopia**  
FBE1F3

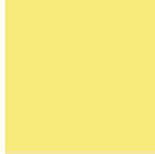
# Trichromacy



**Original Color**  
EBF200



**Protanomaly**  
F8EC50

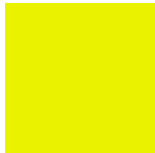


**Deuteranomaly**  
F8E97B



**Tritanomaly**  
F5E79B

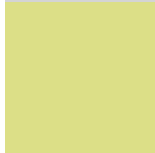
# Monochromacy



**Original Color**  
EBF200



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
DCDF87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBF200 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 #EBF200 looks like.

```
.text, #text, p{  
    color:#EBF200  
}
```

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 #EBF200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBF200
}
```

## Border

The CSS property to change the border of an element to Hex EBF200 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
#EBF200 }
```

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

```
.border{ border-color:#EBF200 }
```

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

Here you see how a box with a 4 pixel #EBF200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBF200; -webkit-box-shadow:4px 4px  
4px 4px #EBF200; box-shadow:4px 4px 4px  
4px #EBF200 }
```

# Background

The CSS property to change the background color of an element to Hex EBF200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBF200 }
```

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

```
.background{ background-color:#EBF200 }
```

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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