

# Converting Colors

Hex(EBF24A)

Have a look what the booklet for  
Hex(EBF24A) contains.

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**Color**

**Hex(EBF24A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBF24A
RGB	235, 242, 74
RGB Percent	92%, 95%, 29%
CMY	0.0784, 0.0510, 0.7098
CMYK	0.03, 0.00, 0.69, 0.05
HSL	62°, 87%, 62%
HSV	62°, 69%, 95%
XYZ	67.2491, 81.6608, 18.6963
YIQ	220.7550, 49.7560, -53.7320

# Conversions

## Conversions Part 2

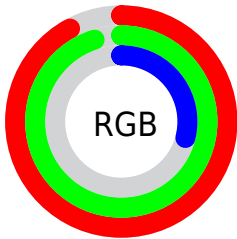
Format	Color
<a href="#">RYB</a>	<a href="#">74, 242, 81</a>
Decimal	<a href="#">15462986</a>
CIELab	<a href="#">92.42, -21.81, 75.78</a>
CIElCh	<a href="#">92, 78.852, 106.057</a>
Yxy	<a href="#">81.6608, 0.4012, 0.4872</a>
Android (android.graphics.Color)	<a href="#">4293653066 (0xFFEBF24A)</a>
YUV	<a href="#">220.7550, -72.3502, 12.4929</a>
Hunter-Lab	<a href="#">90.3664, -25.3046, 50.9897</a>

# Details

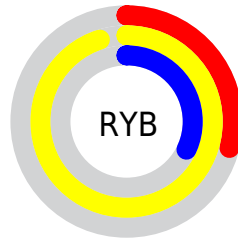
The Hex color **EBF24A** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **514AF2**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF84**, and **B0BA00** is the 20% darker color. If you saturate the color by 10%, you get **EAF232**, and if you desaturate by 10%, it is **ECF262**.

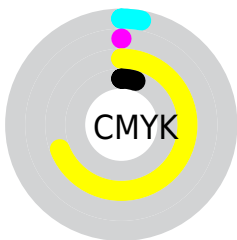
# Distribution



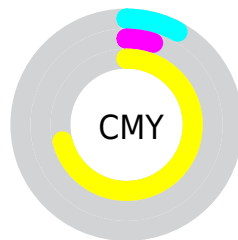
- Red (92%)
- Green (95%)
- Blue (29%)



- Red (29%)
- Yellow (95%)
- Blue (32%)



- Cyan (3%)
- Magenta (0%)
- Yellow (69%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBF24A 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 EBF24A by changing the saturation by 10% instead.



 EBF24A

 EBF24A

FFFFFF

 CDD629

 FFFF84

 B0BA00

 FFFFA1

 939F00

 FFFFBE

 768500

 FFFFDB

 5B6C00

 FFFFF9

 3F5400

 243D00

 082700

 001000

 EBF24A

 EBF24A

 EAF232

 ECF262

 E9F21A

 EDF27A

 E8F201

 EEF293

 E8F200

 EFF2AB

 F0F2C3

 F1F2DB

 F2F2F3

 F3F2FF

 F4F2FF

# Harmonies

## Analogous

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



FFD94E



EBF24A



93FF7A

# Triad

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



EBF24A



00FFFF



FFA9FF

# Complementary

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



EBF24A



514AF2

# 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.



FFC4FF



EBF24A



00FCFF

# Square

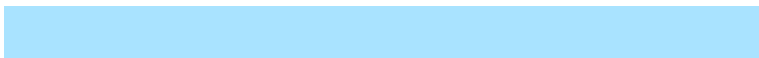
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EBF24A



00FFFF



A9E3FF



FFA5C4

# Rectangle

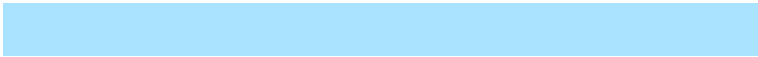
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBF24A



20FFA9



A9E3FF



FFB0FF



# Sweetspot

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



EBF24A



FDFFC9



F2504A



7E8060



000000



808080



# Same Dimension

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



EBF24A



F6FF2B



98F24A



77786C



B0B800



363800



# Inverse Universe

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



514AF2



342BFF



A44AF2



6C6C78



0800B8

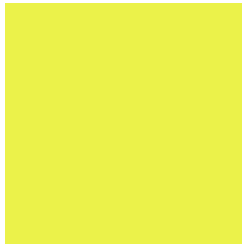


020038



# Previews

## White Background



This preview shows how the Hex color EBF24A looks on a white background.

## Color Contrast Check

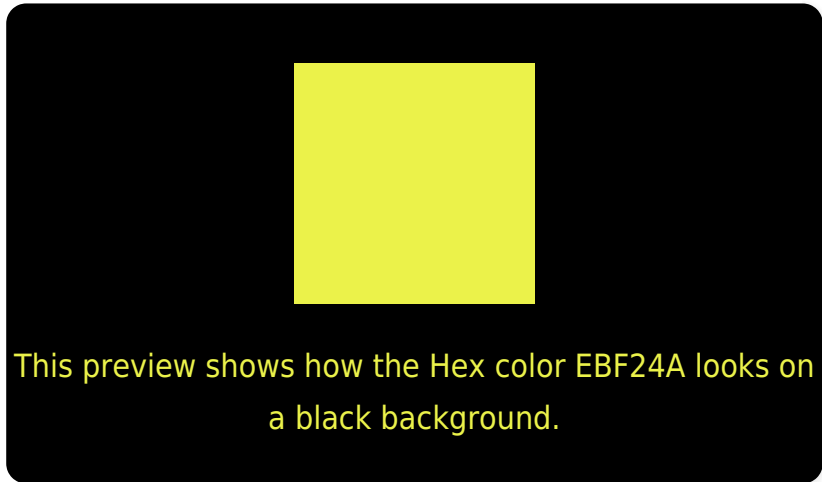
Large Text (above 18pt) WCAG AA × Fail

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 EBF24A Background



This preview shows how black text looks on a background with the Hex color EBF24A.

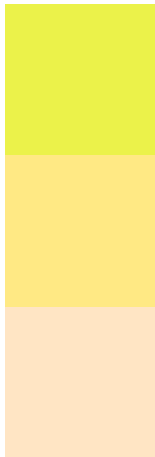


This preview shows how white text looks on a background with the Hex color EBF24A.

# 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**  
EBF24A

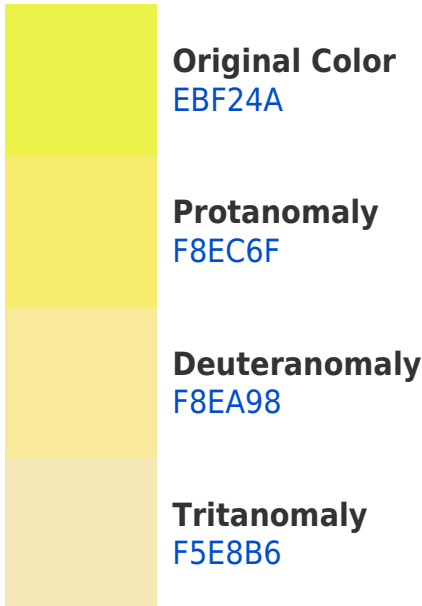
**Protanopia**  
FFE984

**Deuteranopia**  
FFE5C4

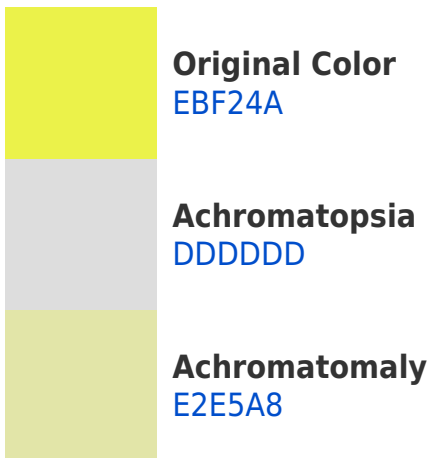


**Tritanopia**  
FAE2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBF24A 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 #EBF24A looks like.

```
.text, #text, p{  
    color:#EBF24A  
}
```

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 #EBF24A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBF24A
}
```

## Border

The CSS property to change the border of an element to Hex EBF24A 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
#EBF24A }
```

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

```
.border{ border-color:#EBF24A }
```

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

Here you see how a box with a 4 pixel #EBF24A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBF24A; -webkit-box-shadow:4px 4px  
4px 4px #EBF24A; box-shadow:4px 4px 4px  
4px #EBF24A }
```

# Background

The CSS property to change the background color of an element to Hex EBF24A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBF24A }
```

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

```
.background{ background-color:#EBF24A }
```

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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