

# Converting Colors

Hex(EAF202)

Have a look what the booklet for  
Hex(EAF202) contains.

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# **Color**

**Hex(EAF202)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAFF20
RGB	234, 242, 2
RGB Percent	92%, 98%, 1%
CMY	0.0824, 0.0510, 0.9922
CMYK	0.03, 0.00, 0.99, 0.05
HSL	62°, 98%, 48%
HSV	62°, 99%, 95%
XYZ	65.6948, 81.0011, 12.2297
YIQ	212.2480, 72.2720, -76.3360

# Conversions

## Conversions Part 2

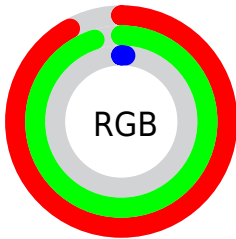
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	2, 242, 10
Decimal	15397378
CIE Lab	92.13, -24.01, 89.94
CIE LCh	92, 93.086, 104.946
Yxy	81.0011, 0.4134, 0.5097
Android (android.graphics.Color)	4293587458 (0xFFEAF202)
YUV	212.2480, -103.6523, 19.0765
Hunter-Lab	90.0006, -27.2073, 54.9438

# Details

The Hex color **EAF202** 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 **0A02F2**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF5E**, and **ADBA00** is the 20% darker color. If you saturate the color by 10%, you get **EAF200**, and if you desaturate by 10%, it is **EBF21A**.

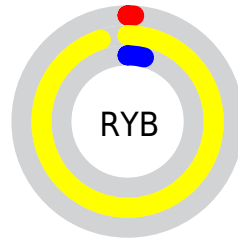
# Distribution



Red (92%)

Green (95%)

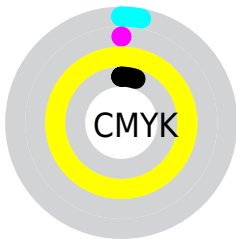
Blue (1%)



Red (1%)

Yellow (95%)

Blue (4%)

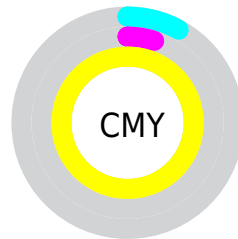


Cyan (3%)

Magenta (0%)

Yellow (99%)

Black (5%)



Cyan (8%)

Magenta (5%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAF202 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 EAF202 by changing the saturation by 10% instead.



 EAF202

 EAF202

FFFFFF

 CBD600

 FFFF5E

 ADBA00

 FFFF7C

 909F00

 FFFF9A

 738500

 FFFFB8

 566C00

 FFFFD6

 3A5400

 FFFFF5

 1F3D00

 012700

 000E00

 EAF202

 EAF202

 EAF200

 EBF21A

 ECF232

 ECF24B

 EDF263

 EEF27B

 EFF293

 F0F2AB

 F0F2C4

 F1F2DC

# Harmonies

## Analogous

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



FFD420



EAF202



80FF5F

# Triad

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



EAF202



00FFFF



FF96FF

# Complementary

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



EAF202



0A02F2

# 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



EAF202



00FFFF

# Square

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



EAF202



00FFFF



82E3FF



FF90C0

# Rectangle

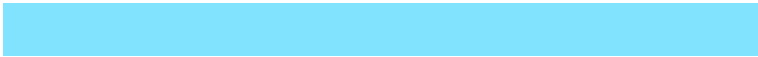
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EAF202



00FF98



82E3FF



FFA1FF



# Sweetspot

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



EAF202



FCFFB3



F20A02



7E8052



000000



808080



# Same Dimension

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



EAF202



F7FF00



72F202



77786C



B1B800



363800



# Inverse Universe

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



0A02F2



0800FF



8202F2



6C6C78



0600B8

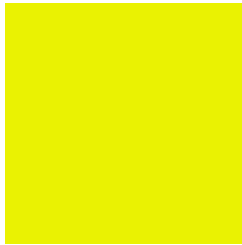


020038



# Previews

## White Background



This preview shows how the Hex color EAF202 looks on a white background.

## Color Contrast Check

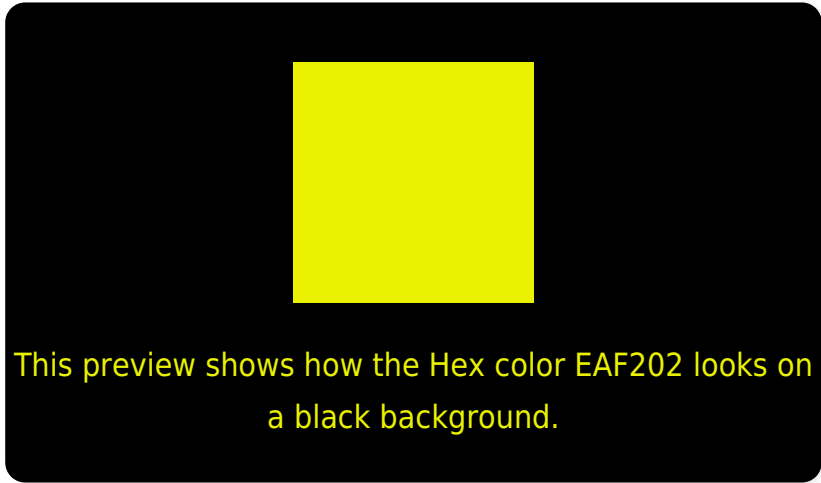
Large Text (above 18pt) WCAG AA × Fail

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 EAF202 Background



This preview shows how black text looks on a background with the Hex color EAF202.

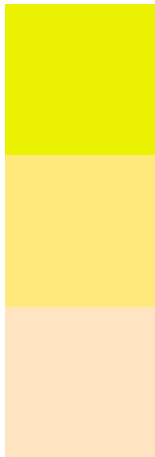


This preview shows how white text looks on a background with the Hex color EAF202.

# 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**  
EAF202

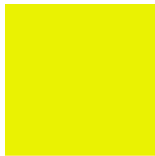
**Protanopia**  
FFE97B

**Deuteranopia**  
FFE4C1



**Tritanopia**  
FBE1F3

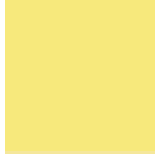
# Trichromacy



**Original Color**  
EAF202



**Protanomaly**  
F7EC4F

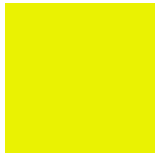


**Deuteranomaly**  
F7E97C



**Tritanomaly**  
F5E79B

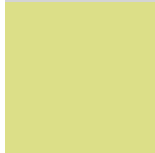
# Monochromacy



**Original Color**  
EAF202



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
DCDF88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAF202 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 #EAF202 looks like.

```
.text, #text, p{  
    color:#EAF202  
}
```

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 #EAF202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAF202
}
```

## Border

The CSS property to change the border of an element to Hex EAF202 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
#EAF202 }
```

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

```
.border{ border-color:#EAF202 }
```

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

Here you see how a box with a 4 pixel #EAF202 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAF202; -webkit-box-shadow:4px 4px  
4px 4px #EAF202; box-shadow:4px 4px 4px  
4px #EAF202 }
```

# Background

The CSS property to change the background color of an element to Hex EAF202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAF202 }
```

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

```
.background{ background-color:#EAF202 }
```

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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