

Converting Colors

Hex(EFF50A)

Have a look what the booklet for
Hex(EFF50A) contains.

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Color

Hex(EFF50A)

Conversions

Conversions Part 1

Format	Color
Hex	EFF50A
RGB	239, 245, 10
RGB Percent	94%, 96%, 4%
CMY	0.0627, 0.0392, 0.9608
CMYK	0.02, 0.00, 0.96, 0.04
HSL	62°, 92%, 50%
HSV	62°, 96%, 96%
XYZ	68.3038, 83.6775, 12.8385
YIQ	216.4160, 71.8590, -74.3570

Conversions

Conversions Part 2

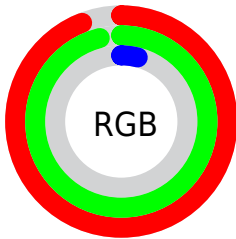
Format	Color
R _Y B	10, 245, 16
Decimal	15725834
CIE Lab	93.31, -23.31, 90.39
CIE LCh	93, 93.350, 104.459
Yxy	83.6775, 0.4144, 0.5077
Android (android.graphics.Color)	4293915914 (0xFFEFF50A)
YUV	216.4160, -101.7631, 19.8062
Hunter-Lab	91.4754, -26.7977, 55.7114

Details

The Hex color **EFF50A** 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 **100AF5**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF60**, and **B2BD00** is the 20% darker color. If you saturate the color by 10%, you get **EFF500**, and if you desaturate by 10%, it is **F0F522**.

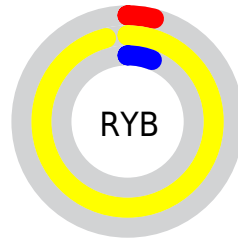
Distribution



Red (94%)

Green (96%)

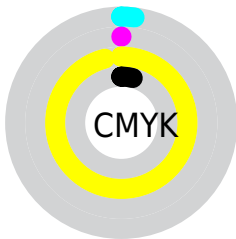
Blue (4%)



Red (4%)

Yellow (96%)

Blue (6%)

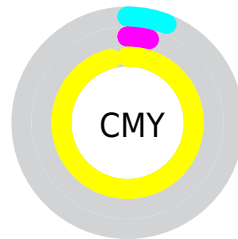


Cyan (2%)

Magenta (0%)

Yellow (96%)

Black (4%)



Cyan (6%)

Magenta (4%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color EFF50A 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 EFF50A by changing the saturation by 10% instead.

 EFF50A

 EFF50A

FFFFFF

 D0D900

 FFFF60

 B2BD00

 FFFF7F

 95A200

 FFFF9D

 788800

 FFFFBB

 5B6F00

 FFFFD9

 3E5600

 FFFFF7

 233F00

 072900

 001400

 EFF50A

 EFF50A

 EFF500

 F0F522

 F0F53B

 F1F554

 F2F56C

 F2F584

 F3F59D

 F3F5B6

 F4F5CE

 F5F5E7

Harmonies

Analogous

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



FFD625



FFF50A



86FF60

Triad

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



EFF50A



00FFFF



FF9AFF

Complementary

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



EFF50A



100AF5

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.



FFC0FF



EFF50A



00FFFF

Square

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



EFF50A



00FFFF



81E7FF



FF93C4

Rectangle

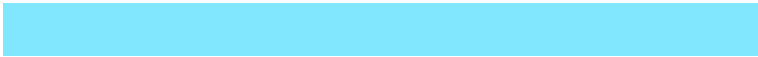
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EFF50A



00FF9A



81E7FF



FFA5FF

Sweetspot

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



EFF50A



FDFFB5



F50E0A



7E8053



000000



808080

Same Dimension

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



EFF50A



F8FF00



7CF50A



7A7A6E



B5BA00



393B00

Inverse Universe

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



100AF5



0700FF



830AF5



6E6E7A



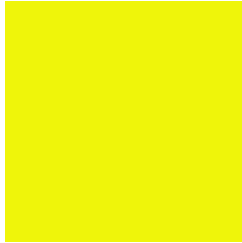
0500BA



01003B

Previews

White Background



This preview shows how the Hex color #EFF50A looks on a white background.

Color Contrast Check

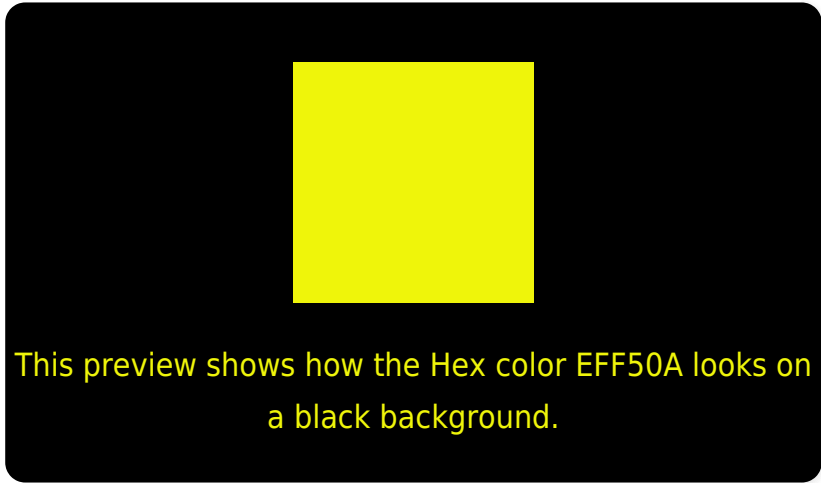
Large Text (above 18pt) WCAG AA × Fail

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 EFF50A Background



This preview shows how black text looks on a background with the Hex color EFF50A.



This preview shows how white text looks on a background with the Hex color EFF50A.

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
EFF50A

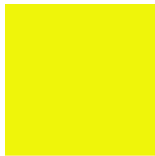
Protanopia
FFEC96

Deuteranopia
FFE8CB



Tritanopia
FFE4F5

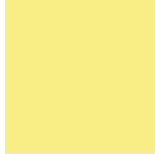
Trichromacy



Original Color
EFF50A



Protanomaly
F9EF63

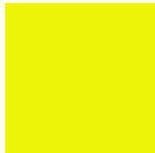


Deuteranomaly
F9ED85

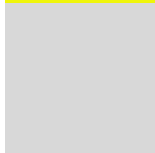


Tritanomaly
F9EAA0

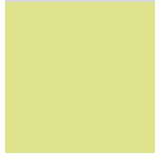
Monochromacy



Original Color
EFF50A



Achromatopsia
D8D8D8



Achromatomaly
E0E38D

CSS Examples

Text

The CSS property to change the color of the text to Hex EFF50A 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 #EFF50A looks like.

```
.text, #text, p{  
    color:#EFF50A  
}
```

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 #EFF50A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFF50A
}
```

Border

The CSS property to change the border of an element to Hex EFF50A 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
#EFF50A }
```

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

```
.border{ border-color:#EFF50A }
```

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

Here you see how a box with a 4 pixel #EFF50A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFF50A; -webkit-box-shadow:4px 4px  
4px 4px #EFF50A; box-shadow:4px 4px 4px  
4px #EFF50A }
```

Background

The CSS property to change the background color of an element to Hex EFF50A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFF50A }
```

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

```
.background{ background-color:#EFF50A }
```

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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