

Converting Colors

Hex(EFC935)

Have a look what the booklet for
Hex(EFC935) contains.

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Color

Hex(EFC935)

Conversions

Conversions Part 1

Format	Color
Hex	EFC935
RGB	239, 201, 53
RGB Percent	94%, 79%, 21%
CMY	0.0627, 0.2118, 0.7922
CMYK	0.00, 0.16, 0.78, 0.06
HSL	48°, 85%, 57%
HSV	48°, 78%, 94%
XYZ	57.1259, 60.3811, 12.0120
YIQ	195.4900, 70.1560, -37.9720

Conversions

Conversions Part 2

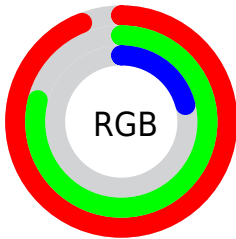
Format	Color
RYB	101, 239, 53
Decimal	15714613
CIELab	82.04, -0.65, 73.12
CIELCh	82, 73.124, 90.510
Yxy	60.3811, 0.4411, 0.4662
Android (android.graphics.Color)	4293904693 (0xFFEFC935)
YUV	195.4900, -70.2476, 38.1583
Hunter-Lab	77.7052, -4.7580, 45.2284

Details

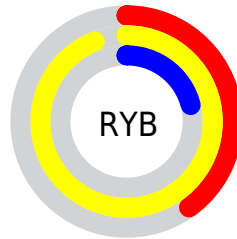
The Hex color **EFC935** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **355BEF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF6F**, and **B39300** is the 20% darker color. If you saturate the color by 10%, you get **EFC41D**, and if you desaturate by 10%, it is **EFCE4D**.

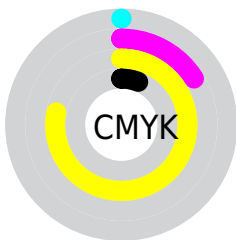
Distribution



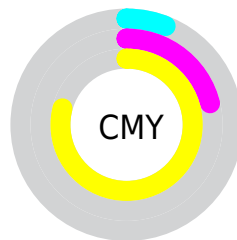
- Red (94%)
- Green (79%)
- Blue (21%)



- Red (40%)
- Yellow (94%)
- Blue (21%)



- Cyan (0%)
- Magenta (16%)
- Yellow (78%)
- Black (6%)



- Cyan (6%)
- Magenta (21%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color EFC935 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 EFC935 by changing the saturation by 10% instead.

 EFC935

 EFC935

FFFFFF

 D1AE0D

 FFFF6F

 B39300

 FFFF8B

 957A00

 FFFFA8

 796100

 FFFF84

 5C4A00

 FFFF82

 413400

 281F00

 0A0800

 000000

 EFC935

 EFC935

 EFC41D

 EFCE4D

 EFBF05

 EFD365

 EFBE00

 EFD87D

 EFDD95

 EFE1AD

 EFE6C4

 EFEBDC

 EFF0F4

 EFF5FF

Harmonies

Analogous

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



FFAF53



EFC935



AADC4C

Triad

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



EFC935



00ECFF



FF9CFF

Complementary

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



EFC935



355BEF

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.



CEB9FF



EFC935



00E4FF

Square

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



EFC935



00EDCB



00D3FF



FF8CCE

Rectangle

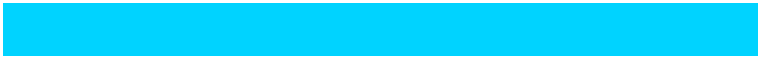
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EFC935



6EE570



00D3FF



FFA6FF

Sweetspot

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



EFC935



FFF3C4



EF355D



80785C



000000



808080

Same Dimension

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



EFC935



FFCF12



BAEF35



78756C



B89200



382D00

Inverse Universe

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



355BEF



1242FF



6A35EF



6C6E78



0026B8



000B38

Previews

White Background



This preview shows how the Hex color EFC935 looks on a white background.

Color Contrast Check

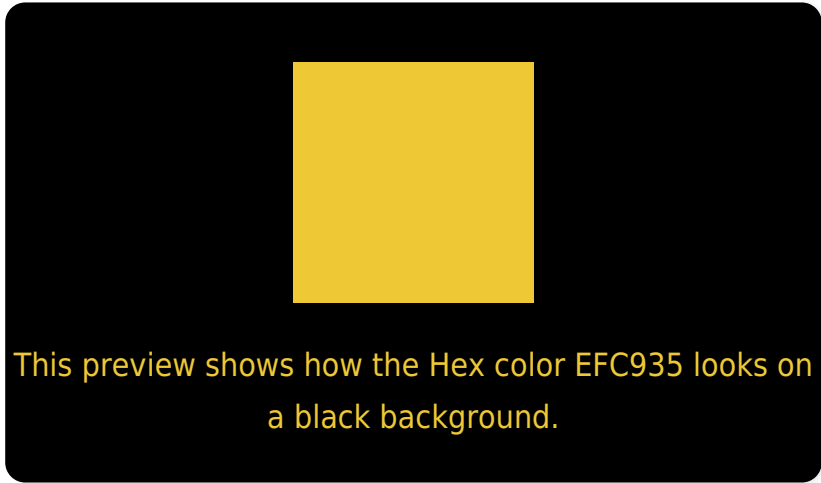
Large Text (above 18pt) WCAG AA × Fail

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 EFC935 Background



This preview shows how black text looks on a background with the Hex color EFC935.



This preview shows how white text looks on a background with the Hex color EFC935.

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
EFC935

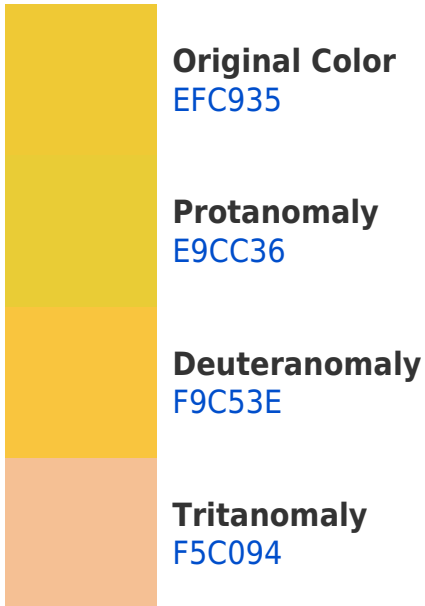
Protanopia
E5CD36

Deuteranopia
FFC243

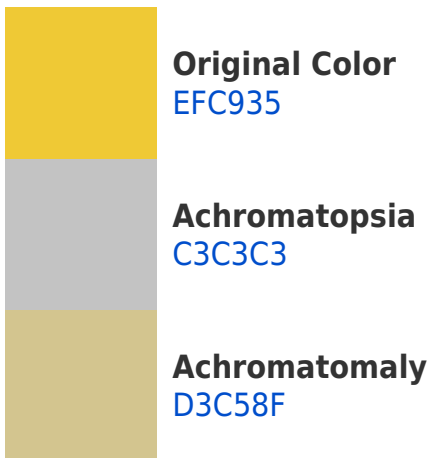


Tritanopia
F9BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EFC935 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 #EFC935 looks like.

```
.text, #text, p{  
    color:#EFC935  
}
```

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 #EFC935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFC935
}
```

Border

The CSS property to change the border of an element to Hex EFC935 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
#EFC935 }
```

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

```
.border{ border-color:#EFC935 }
```

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

Here you see how a box with a 4 pixel #EFC935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFC935; -webkit-box-shadow:4px 4px  
4px 4px #EFC935; box-shadow:4px 4px 4px  
4px #EFC935 }
```

Background

The CSS property to change the background color of an element to Hex EFC935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFC935 }
```

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

```
.background{ background-color:#EFC935 }
```

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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