

Converting Colors

Hex(F0EA40)

Have a look what the booklet for
Hex(F0EA40) contains.

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Color

Hex(F0EA40)

Conversions

Conversions Part 1

Format	Color
Hex	F0EA40
RGB	240, 234, 64
RGB Percent	94%, 92%, 25%
CMY	0.0588, 0.0824, 0.7490
CMYK	0.00, 0.03, 0.73, 0.06
HSL	58°, 85%, 60%
HSV	58°, 73%, 94%
XYZ	66.2834, 77.7411, 16.3625
YIQ	216.4140, 58.1460, -51.5980

Conversions

Conversions Part 2

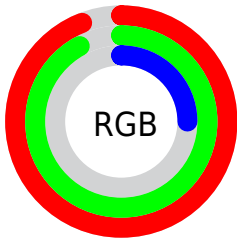
Format	Color
RYB	70, 240, 64
Decimal	15788608
CIELab	90.66, -16.35, 77.57
CIELCh	91, 79.273, 101.904
Yxy	77.7411, 0.4133, 0.4847
Android (android.graphics.Color)	4293978688 (0xFFFF0EA40)
YUV	216.4140, -75.1401, 20.6849
Hunter-Lab	88.1709, -20.1098, 50.7168

Details

The Hex color **F0EA40** 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 **4046F0**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF7B**, and **B4B300** is the 20% darker color. If you saturate the color by 10%, you get **F0E928**, and if you desaturate by 10%, it is **F0EB58**.

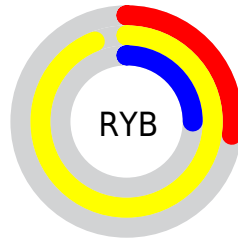
Distribution



Red (94%)

Green (92%)

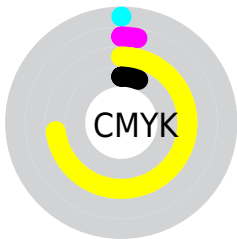
Blue (25%)



Red (27%)

Yellow (94%)

Blue (25%)

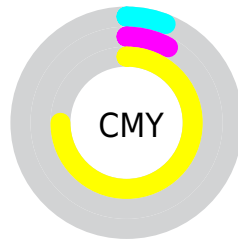


Cyan (0%)

Magenta (3%)

Yellow (73%)

Black (6%)



Cyan (6%)

Magenta (8%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0EA40 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 F0EA40 by changing the saturation by 10% instead.

 F0EA40

 F0EA40

FFFFFF

 D2CE1B

 FFFF7B

 B4B300

 FFFF98

 979800

 FFFFB5

 7A7E00

 FFFF D2

 5E6500

 FFFFF0

 434E00

 283700

 0F2200

 000500

 F0EA40

 F0EA40

 F0E928

 F0EB58

 F0E810

 F0EC70

 F0E800

 F0EC88

 F0EDA0

 F0EEB8

 F0EFD0

 F0F0E8

 F0F1FF

Harmonies

Analogous

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



FFD04D



F0EA40



9CFC6C

Triad

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



F0EA40



00FFFF



FFA6FF

Complementary

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



F0EA40



4046F0

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.



FFC3FF



F0EA40



00F9FF

Square

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



F0EA40



00FFFF



89E2FF



FF9EC9

Rectangle

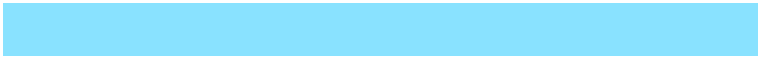
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0EA40



40FF99



89E2FF



FFAEFF

Sweetspot

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



F0EA40



FFFDC7



F04049



807E5E



000000



808080

Same Dimension

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



F0EA40



FFF71F



A1F040



78776C



B8B100



383600

Inverse Universe

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



4046F0



1F26FF



8F40F0



6C6C78



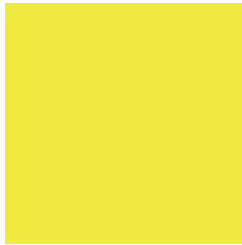
0006B8



000238

Previews

White Background



This preview shows how the Hex color F0EA40 looks on a white background.

Color Contrast Check

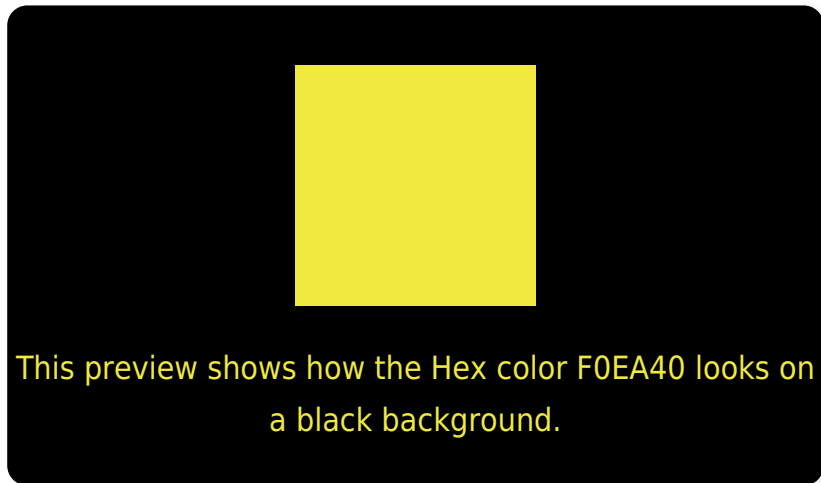
Large Text (above 18pt) WCAG AA × Fail

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 F0EA40 Background



This preview shows how black text looks on a background with the Hex color F0EA40.

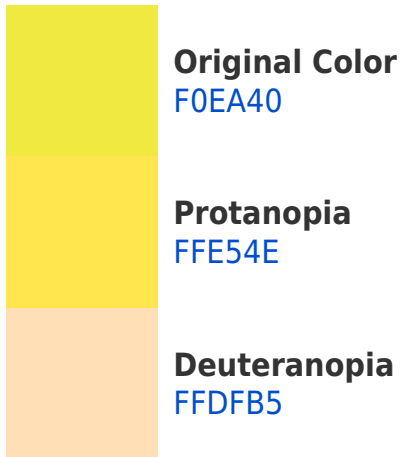


This preview shows how white text looks on a background with the Hex color F0EA40.

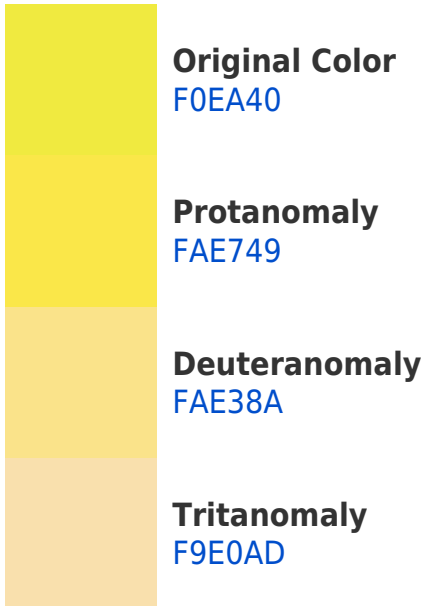
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0EA40 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 #F0EA40 looks like.

```
.text, #text, p{  
    color:#F0EA40  
}
```

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 #F0EA40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0EA40
}
```

Border

The CSS property to change the border of an element to Hex F0EA40 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
#F0EA40 }
```

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

```
.border{ border-color:#F0EA40 }
```

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

Here you see how a box with a 4 pixel #F0EA40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0EA40; -webkit-box-shadow:4px 4px  
4px 4px #F0EA40; box-shadow:4px 4px 4px  
4px #F0EA40 }
```

Background

The CSS property to change the background color of an element to Hex F0EA40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0EA40 }
```

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

```
.background{ background-color:#F0EA40 }
```

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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