

Converting Colors

Hex(EFD75B)

Have a look what the booklet for
Hex(EFD75B) contains.

Hex(EFD75B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EFD75B)

Conversions

Conversions Part 1

Format	Color
Hex	EFD75B
RGB	239, 215, 91
RGB Percent	94%, 84%, 36%
CMY	0.0627, 0.1569, 0.6431
CMYK	0.00, 0.10, 0.62, 0.06
HSL	50°, 82%, 65%
HSV	50°, 62%, 94%
XYZ	61.7854, 67.7069, 19.7098
YIQ	208.0400, 54.1080, -33.4760

Conversions

Conversions Part 2

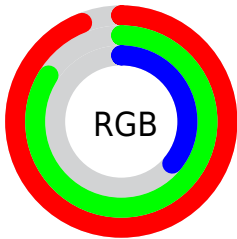
Format	Color
RYB	120, 239, 91
Decimal	15718235
CIELab	85.86, -5.92, 62.48
CIElCh	86, 62.763, 95.412
Yxy	67.7069, 0.4141, 0.4538
Android (android.graphics.Color)	4293908315 (0xFFEFD75B)
YUV	208.0400, -57.7007, 27.1519
Hunter-Lab	82.2842, -9.9658, 43.3970

Details

The Hex color **EFD75B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5B73EF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF92**, and **B4A122** is the 20% darker color. If you saturate the color by 10%, you get **EFD343**, and if you desaturate by 10%, it is **EFDB73**.

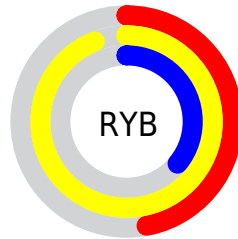
Distribution



Red (94%)

Green (84%)

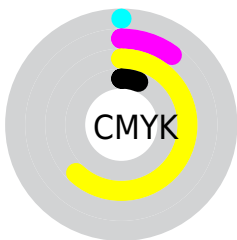
Blue (36%)



Red (47%)

Yellow (94%)

Blue (36%)

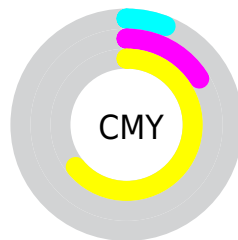


Cyan (0%)

Magenta (10%)

Yellow (62%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color EFD75B 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 EFD75B by changing the saturation by 10% instead.

 EFD75B

 EFD75B

FFFFFF

 D1BB40

 FFFF92

 B4A122

 FFFFAD

 978700

 FFFFCA

 7B6D00

 FFFFE7

 605500

 453F00

 2B2900

 101500

 000000

 EFD75B

 EFD75B

 EFD343

 EFDB73

 EFCF2B

 EFDF8B

 EFCB13

 EFE3A3

 EFC800

 EFE7BB

 EFEAD3

 EFEEEE

 EFF2FF

 EFF6FF

 EFFAFF

Harmonies

Analogous

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



FFC26A



EFD75B



B1E772

Triad

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



EFD75B



00F3FF



FFADFF

Complementary

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



EFD75B



5B73EF

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.



E9C3FF



EFD75B



00EAFB

Square

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



EFD75B



00F5E0



80D9FF



FFA3CE

Rectangle

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



EFD75B



7DEE91



80D9FF



FFB3FF

Sweetspot

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



EFD75B



FFF7CF



EF5B74



807B62



000000



808080

Same Dimension

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



EFD75B



FFE042



BEEF5B



78766C



B89A00



382F00

Inverse Universe

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



5B73EF



4261FF



8C5BEF



6C6E78



001EB8



000938

Previews

White Background



This preview shows how the Hex color EFD75B looks on a white background.

Color Contrast Check

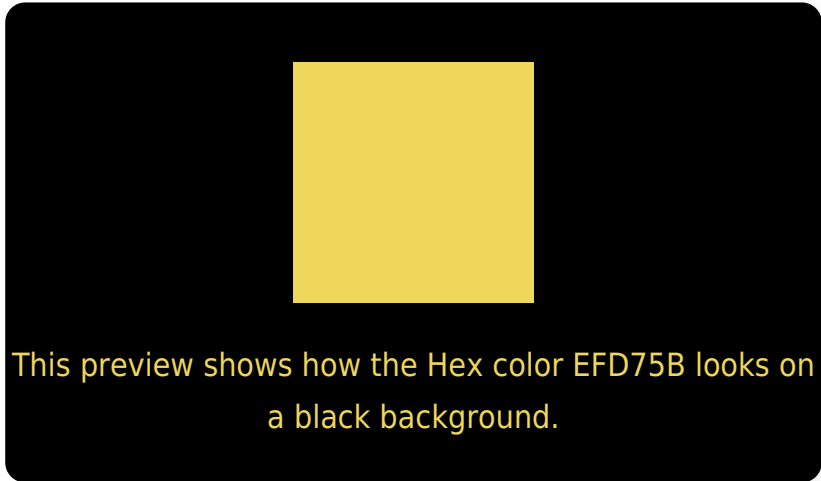
Large Text (above 18pt) WCAG AA × Fail

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 EFD75B Background



This preview shows how black text looks on a background with the Hex color EFD75B.

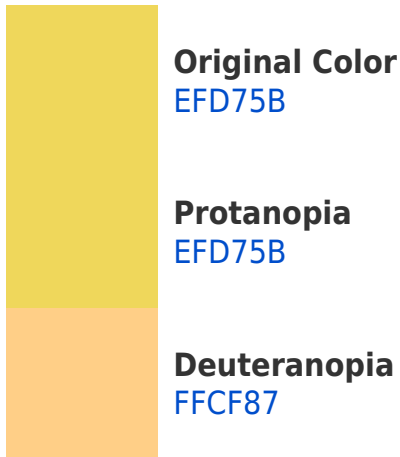


This preview shows how white text looks on a background with the Hex color EFD75B.

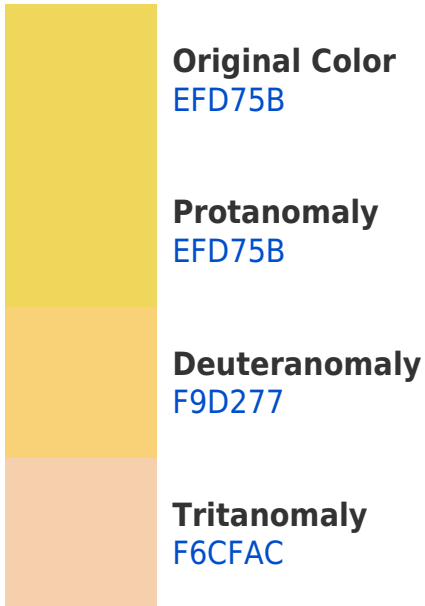
Color Blindness Simulation

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](#).

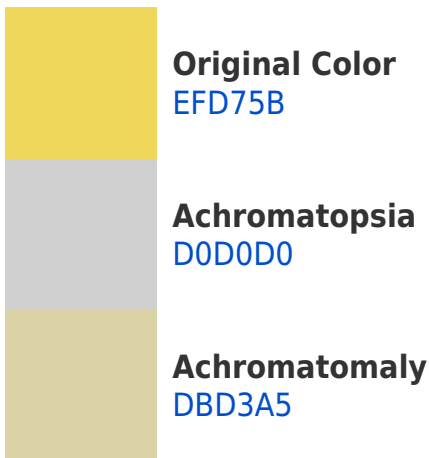
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EFD75B 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 #EFD75B looks like.

```
.text, #text, p{  
    color:#EFD75B  
}
```

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 #EFD75B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFD75B
}
```

Border

The CSS property to change the border of an element to Hex EFD75B 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
#EFD75B }
```

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

```
.border{ border-color:#EFD75B }
```

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

Here you see how a box with a 4 pixel #EFD75B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFD75B; -webkit-box-shadow:4px 4px  
4px 4px #EFD75B; box-shadow:4px 4px 4px  
4px #EFD75B }
```

Background

The CSS property to change the background color of an element to Hex EFD75B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFD75B }
```

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

```
.background{ background-color:#EFD75B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor