

Converting Colors

Hex(E3B74B)

Have a look what the booklet for
Hex(E3B74B) contains.

Hex(E3B74B)	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(E3B74B)

Conversions

Conversions Part 1

Format	Color
Hex	E3B74B
RGB	227, 183, 75
RGB Percent	89%, 72%, 29%
CMY	0.1098, 0.2824, 0.7059
CMYK	0.00, 0.19, 0.67, 0.11
HSL	43°, 73%, 59%
HSV	43°, 67%, 89%
XYZ	49.8820, 50.7059, 13.8148
YIQ	183.8440, 60.8920, -24.2600

Conversions

Conversions Part 2

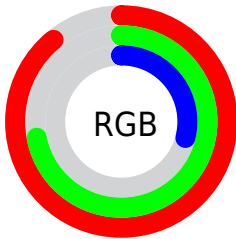
Format	Color
RYB	137, 227, 75
Decimal	14923595
CIELab	76.50, 4.60, 58.99
CIElCh	77, 59.165, 85.540
Yxy	50.7059, 0.4360, 0.4432
Android (android.graphics.Color)	4293113675 (0xFFE3B74B)
YUV	183.8440, -53.6601, 37.8478
Hunter-Lab	71.2081, 0.4272, 38.3430

Details

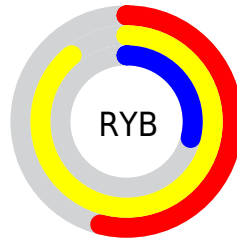
The Hex color **E3B74B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4B77E3**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFEF80**, and **A88210** is the 20% darker color. If you saturate the color by 10%, you get **E3B034**, and if you desaturate by 10%, it is **E3BE62**.

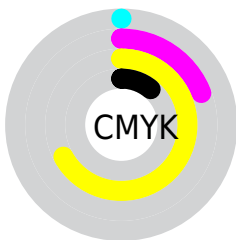
Distribution



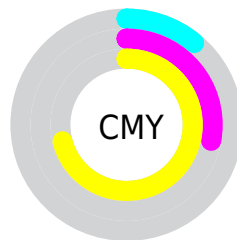
- Red (89%)
- Green (72%)
- Blue (29%)



- Red (54%)
- Yellow (89%)
- Blue (29%)



- Cyan (0%)
- Magenta (19%)
- Yellow (67%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3B74B 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 E3B74B by changing the saturation by 10% instead.

 E3B74B

 E3B74B

FFFFFF

 C59C30

 FFEF80

 A88210

 FFFF9C

 8B6900

 FFFFB8

 6F5200

 FFFFFD4

 543B00

 FFFFFF1

 392600

 201100

 000000

 E3B74B

 E3B74B

 E3B034

 E3BE62

 E3AA1E

 E3C478

 E3A307

 E3CB8F

 E3A100

 E3D1A6

 E3D8BD

 E3DED3

 E3E5EA

 E3ECFF

 E3F2FF

Harmonies

Analogous

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



FFA363



E3B74B



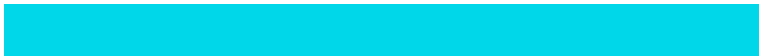
ADC855

Triad

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



E3B74B



00D8EA



F89CFB

Complementary

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



E3B74B



4B77E3

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.



B2B2FF



E3B74B



00D2FF

Square

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



E3B74B



00D8B2



28C5FF



FF8EC7

Rectangle

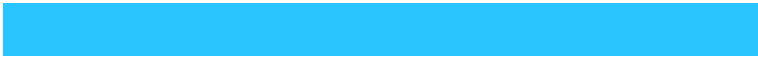
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3B74B



83CF6D



28C5FF



E5A3FF

Sweetspot

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



E3B74B



FFF0CC



E34B79



807761



000000



808080

Same Dimension

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



E3B74B



FFC433



C5E34B



736F67



B37F00



332400

Inverse Universe

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



4B77E3



336EFF



694BE3



676B73



0034B3



000F33

Previews

White Background



This preview shows how the Hex color E3B74B looks on a white background.

Color Contrast Check

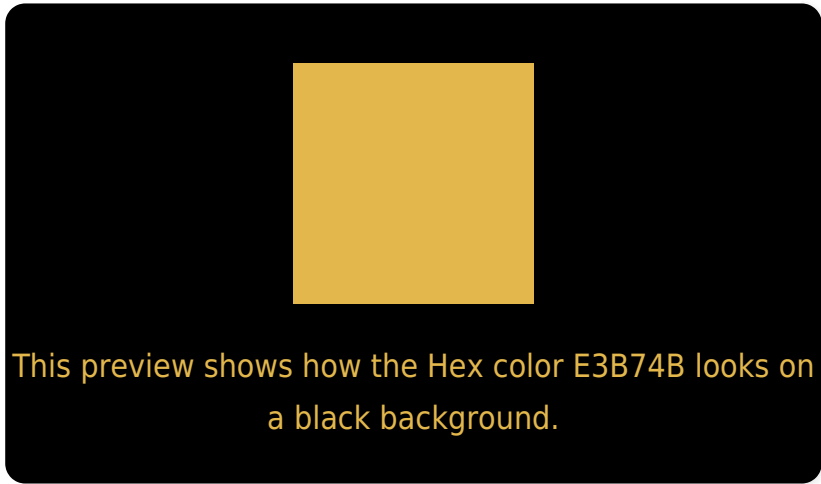
Large Text (above 18pt) WCAG AA × Fail

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 E3B74B Background



This preview shows how black text looks on a background with the Hex color E3B74B.



This preview shows how white text looks on a background with the Hex color E3B74B.

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

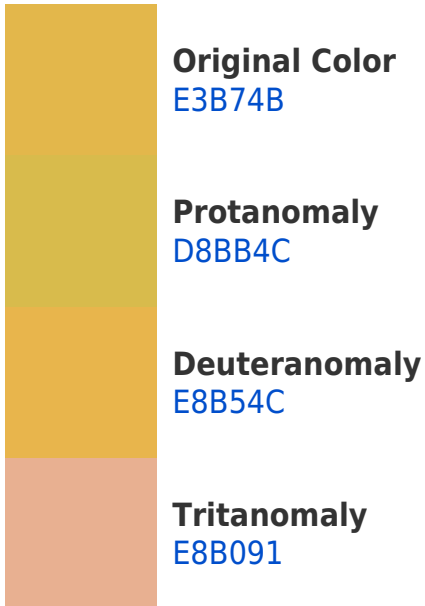


Original Color
E3B74B

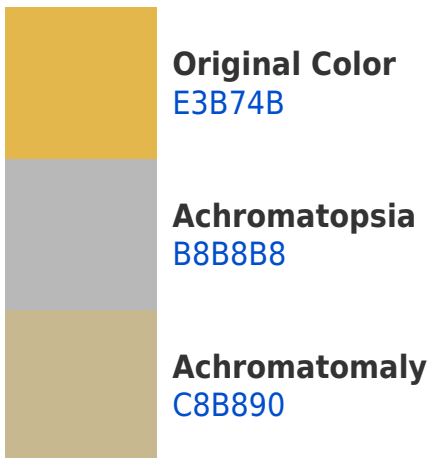
Protanopia
D2BD4D

Deuteranopia
EBB44C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3B74B 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 #E3B74B looks like.

```
.text, #text, p{  
    color:#E3B74B  
}
```

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 #E3B74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3B74B
}
```

Border

The CSS property to change the border of an element to Hex E3B74B 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
#E3B74B }
```

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

```
.border{ border-color:#E3B74B }
```

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

Here you see how a box with a 4 pixel #E3B74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3B74B; -webkit-box-shadow:4px 4px  
4px 4px #E3B74B; box-shadow:4px 4px 4px  
4px #E3B74B }
```

Background

The CSS property to change the background color of an element to Hex E3B74B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3B74B }
```

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

```
.background{ background-color:#E3B74B }
```

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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