

Converting Colors

Hex(E7B416)

Have a look what the booklet for
Hex(E7B416) contains.

Hex(E7B416)	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(E7B416)

Conversions

Conversions Part 1

Format	Color
Hex	E7B416
RGB	231, 180, 22
RGB Percent	91%, 71%, 9%
CMY	0.0941, 0.2941, 0.9137
CMYK	0.00, 0.22, 0.90, 0.09
HSL	45°, 83%, 50%
HSV	45°, 90%, 91%
XYZ	49.4211, 49.6894, 7.7453
YIQ	177.2370, 81.1140, -38.3260

Conversions

Conversions Part 2

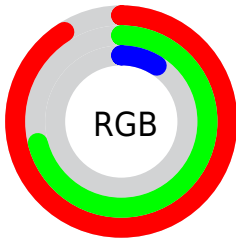
Format	Color
RYB	89, 231, 22
Decimal	15184918
CIELab	75.88, 6.04, 75.54
CIELCh	76, 75.783, 85.431
Yxy	49.6894, 0.4625, 0.4650
Android (android.graphics.Color)	4293374998 (0xFFE7B416)
YUV	177.2370, -76.5318, 47.1502
Hunter-Lab	70.4907, 1.7878, 42.8289

Details

The Hex color **E7B416** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **1649E7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFEB59**, and **AA8000** is the 20% darker color. If you saturate the color by 10%, you get **E7AF00**, and if you desaturate by 10%, it is **E7BA2D**.

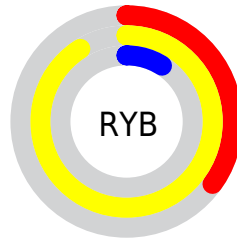
Distribution



Red (91%)

Green (71%)

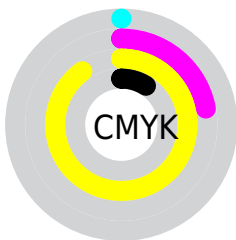
Blue (9%)



Red (35%)

Yellow (91%)

Blue (9%)

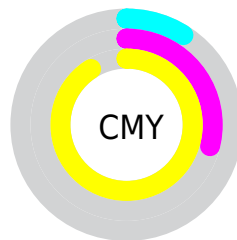


Cyan (0%)

Magenta (22%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7B416 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 E7B416 by changing the saturation by 10% instead.

 E7B416

 E7B416

FFFFFF

 C89900

 FFE859

 AA8000

 FFFF75

 8D6700

 FFFF91

 704F00

 FFFF8E

 543900

 FFFFCB

 392300

 FFFF80

 200F00

 000000

 E7B416

 E7B416

 E7AF00

 E7BA2D

 E7BF44

 E7C55B

 E7CB72

 E7D089

 E7D6A1

 E7DBB8

 E7E1CF

 E7E7E6

Harmonies

Analogous

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



FF9846



E7B416



A4C92B

Triad

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



E7B416



00DCF5



FF8EFF

Complementary

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



E7B416



1649E7

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.



A6ADFF



E7B416



00D5FF

Square

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



E7B416



00DBAE



00C6FF



FF77C9

Rectangle

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



E7B416



6AD251



00C6FF



EC98FF

Sweetspot

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



E7B416



FFEEBA



E7164A



807657



000000



808080

Same Dimension

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



E7B416



FFC100



B3E716



737067



B38700



332700

Inverse Universe

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



1649E7



003EFF



4A16E7



676A73



002CB3



000C33

Previews

White Background



This preview shows how the Hex color E7B416 looks on a white background.

Color Contrast Check

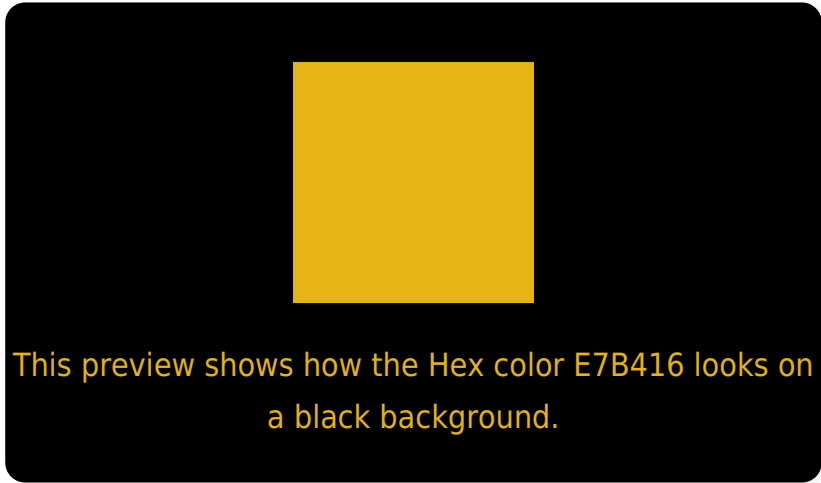
Large Text (above 18pt) WCAG AA × Fail

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 E7B416 Background



This preview shows how black text looks on a background with the Hex color E7B416.

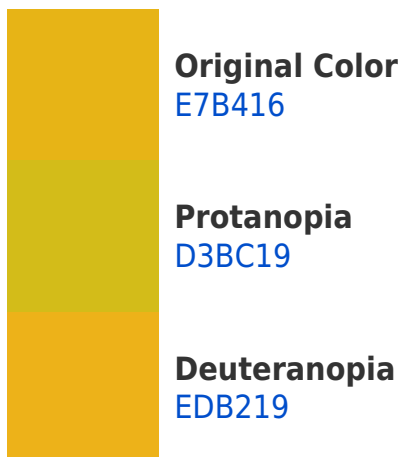


This preview shows how white text looks on a background with the Hex color E7B416.

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](#).

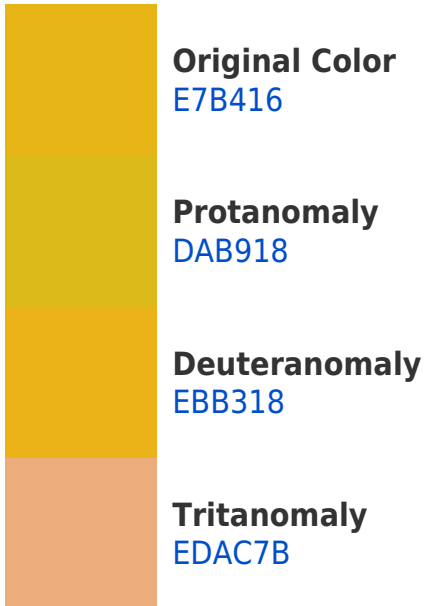
Dichromacy





Tritanopia
F0A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7B416 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 #E7B416 looks like.

```
.text, #text, p{  
    color:#E7B416  
}
```

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 #E7B416 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7B416
}
```

Border

The CSS property to change the border of an element to Hex E7B416 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
#E7B416 }
```

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

```
.border{ border-color:#E7B416 }
```

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

Here you see how a box with a 4 pixel #E7B416 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7B416; -webkit-box-shadow:4px 4px  
4px 4px #E7B416; box-shadow:4px 4px 4px  
4px #E7B416 }
```

Background

The CSS property to change the background color of an element to Hex E7B416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7B416 }
```

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

```
.background{ background-color:#E7B416 }
```

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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