

Converting Colors

Hex(E7B002)

Have a look what the booklet for
Hex(E7B002) contains.

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Color

Hex(E7B002)

Conversions

Conversions Part 1

Format	Color
Hex	E7B002
RGB	231, 176, 2
RGB Percent	91%, 69%, 1%
CMY	0.0941, 0.3098, 0.9922
CMYK	0.00, 0.24, 0.99, 0.09
HSL	46°, 98%, 46%
HSV	46°, 99%, 91%
XYZ	48.4913, 48.0440, 6.7751
YIQ	172.6090, 88.6340, -42.4540

Conversions

Conversions Part 2

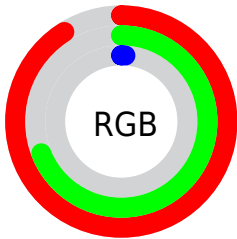
Format	Color
R _Y B	74, 231, 2
Decimal	15183874
CIE Lab	74.85, 7.92, 77.39
CIE LCh	75, 77.794, 84.157
Yxy	48.0440, 0.4694, 0.4650
Android (android.graphics.Color)	4293373954 (0xFFE7B002)
YUV	172.6090, -84.1102, 51.2089
Hunter-Lab	69.3138, 3.5779, 42.7243

Details

The Hex color **E7B002** 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 **0239E7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE751**, and **AA7C00** is the 20% darker color. If you saturate the color by 10%, you get **E7B000**, and if you desaturate by 10%, it is **E7B619**.

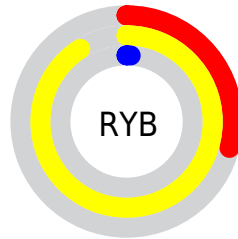
Distribution



Red (91%)

Green (69%)

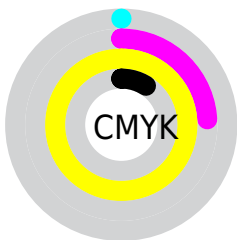
Blue (1%)



Red (29%)

Yellow (91%)

Blue (1%)

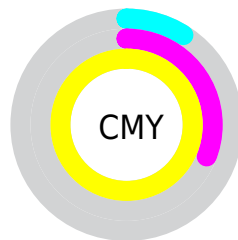


Cyan (0%)

Magenta (24%)

Yellow (99%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7B002 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 E7B002 by changing the saturation by 10% instead.

 E7B002

 E7B002

FFFFFF

 C89600

 FFE751

 AA7C00

 FFFF6E

 8C6300

 FFFF8A

 6F4C00

 FFFFA7

 533500

 FFFFC4

 382000

 FFFFE1

 200B00

 000000

 E7B002

 E7B002

 E7B000

 E7B619

 E7BB30

 E7C147

 E7C65E

 E7CC75

 E7D18D

 E7D7A4

 E7DCBB

 E7E2D2

Harmonies

Analogous

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



FF9342



E7B002



A3C61D

Triad

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



E7B002



00D9F1



FF8AFF

Complementary

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



E7B002



0239E7

Split Complementary

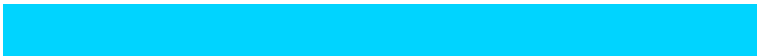
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9CABFF



E7B002



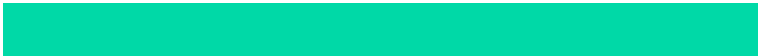
00D4FF

Square

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



E7B002



00D9A7



00C5FF



FF71C9

Rectangle

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



E7B002



68CF49



00C5FF



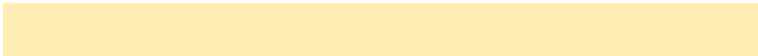
E695FF

Sweetspot

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



E7B002



FFEDB3



E7023B



807452



000000



808080

Same Dimension

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



E7B002



FFC200



AEE702



737067



B38800



332700

Inverse Universe

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



0239E7



003DFF



3B02E7



676A73



002BB3



000C33

Previews

White Background



This preview shows how the Hex color E7B002 looks on a white background.

Color Contrast Check

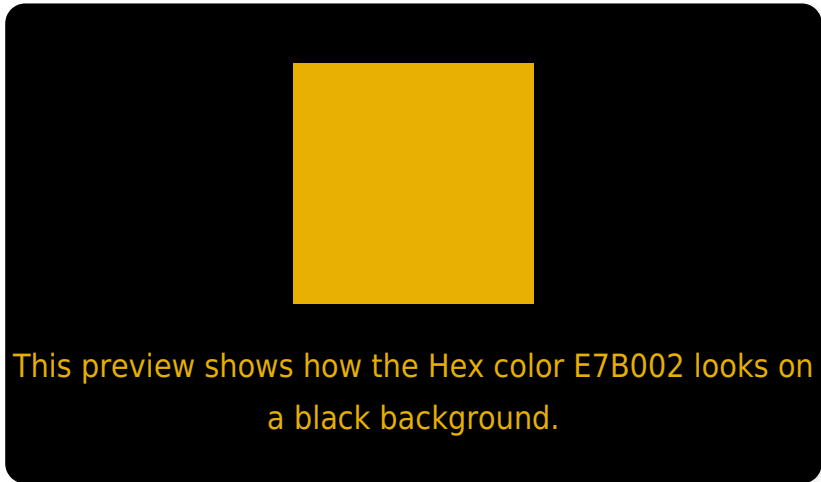
Large Text (above 18pt) WCAG AA × Fail

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 E7B002 Background



This preview shows how black text looks on a background with the Hex color E7B002.



This preview shows how white text looks on a background with the Hex color E7B002.

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

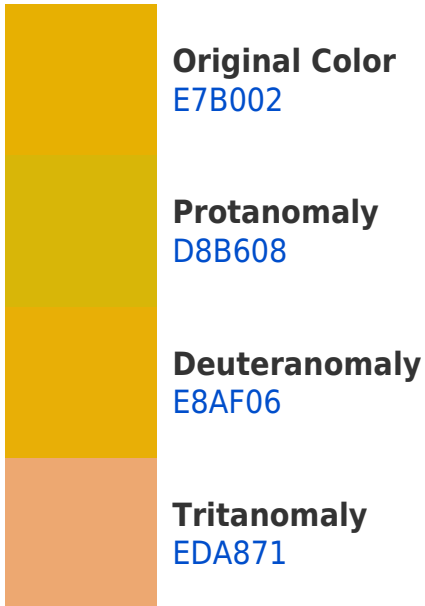


Original Color
E7B002

Protanopia
D0B90C

Deuteranopia
E9AF08

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7B002 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 #E7B002 looks like.

```
.text, #text, p{  
    color:#E7B002  
}
```

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 #E7B002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7B002
}
```

Border

The CSS property to change the border of an element to Hex E7B002 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
#E7B002 }
```

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

```
.border{ border-color:#E7B002 }
```

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

Here you see how a box with a 4 pixel #E7B002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7B002; -webkit-box-shadow:4px 4px  
4px 4px #E7B002; box-shadow:4px 4px 4px  
4px #E7B002 }
```

Background

The CSS property to change the background color of an element to Hex E7B002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7B002 }
```

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

```
.background{ background-color:#E7B002 }
```

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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