

Converting Colors

Hex(E7B042)

Have a look what the booklet for
Hex(E7B042) contains.

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Color

Hex(E7B042)

Conversions

Conversions Part 1

Format	Color
Hex	E7B042
RGB	231, 176, 66
RGB Percent	91%, 69%, 26%
CMY	0.0941, 0.3098, 0.7412
CMYK	0.00, 0.24, 0.71, 0.09
HSL	40°, 77%, 58%
HSV	40°, 71%, 91%
XYZ	49.4637, 48.4329, 11.8957
YIQ	179.9050, 68.0900, -22.5500

Conversions

Conversions Part 2

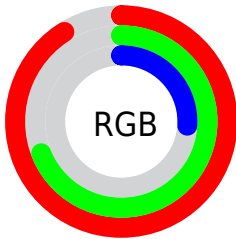
Format	Color
RYB	149, 231, 66
Decimal	15183938
CIELab	75.10, 9.52, 61.45
CIELCh	75, 62.186, 81.195
Yxy	48.4329, 0.4505, 0.4411
Android (android.graphics.Color)	4293374018 (0xFFE7B042)
YUV	179.9050, -56.1552, 44.8103
Hunter-Lab	69.5938, 5.0796, 38.5811

Details

The Hex color **E7B042** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4279E7**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFE778**, and **AB7C00** is the 20% darker color. If you saturate the color by 10%, you get **E7A82B**, and if you desaturate by 10%, it is **E7B859**.

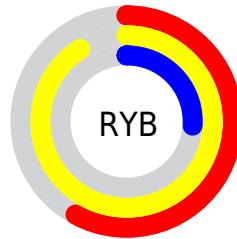
Distribution



Red (91%)

Green (69%)

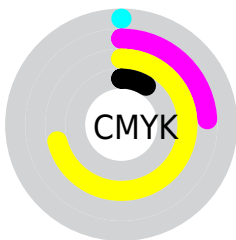
Blue (26%)



Red (58%)

Yellow (91%)

Blue (26%)

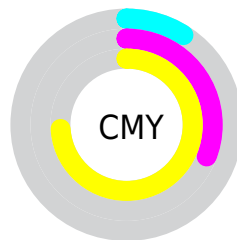


Cyan (0%)

Magenta (24%)

Yellow (71%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7B042 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 E7B042 by changing the saturation by 10% instead.

 E7B042

 E7B042

FFFFFF

 C99526

 FFE778

 AB7C00

 FFFF93

 8E6300

 FFFFAF

 724B00

 FFFF CB

 553500

 FFFF E8

 3B2000

 220A00

 000000

 E7B042

 E7B042

 E7A82B

 E7B859

 E7A114

 E7BF70

 E79A00

 E7C787

 E7CF9E

 E7D7B6

 E7DECD

 E7E6E4

 E7EEFB

 E7F5FF

Harmonies

Analogous

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



FF9A61



E7B042



B1C247

Triad

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



E7B042



00D5E1



EF99FF

Complementary

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



E7B042



4279E7

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.



9EB1FF



E7B042



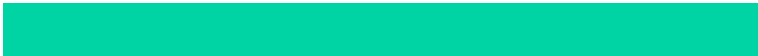
00D0FF

Square

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



E7B042



00D4A5



00C4FF



FF88CC

Rectangle

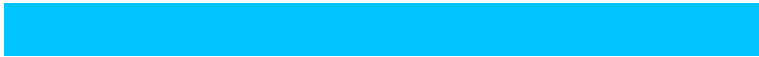
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7B042



85CB5E



00C4FF



D8A1FF

Sweetspot

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



E7B042



FFEDC9



E74279



807560



000000



808080

Same Dimension

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



E7B042



FFB624



CBE742



736F67



B37700



332200

Inverse Universe

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



4279E7



246DFF



5D42E7



676B73



003BB3



001133

Previews

White Background



This preview shows how the Hex color E7B042 looks on a white background.

Color Contrast Check

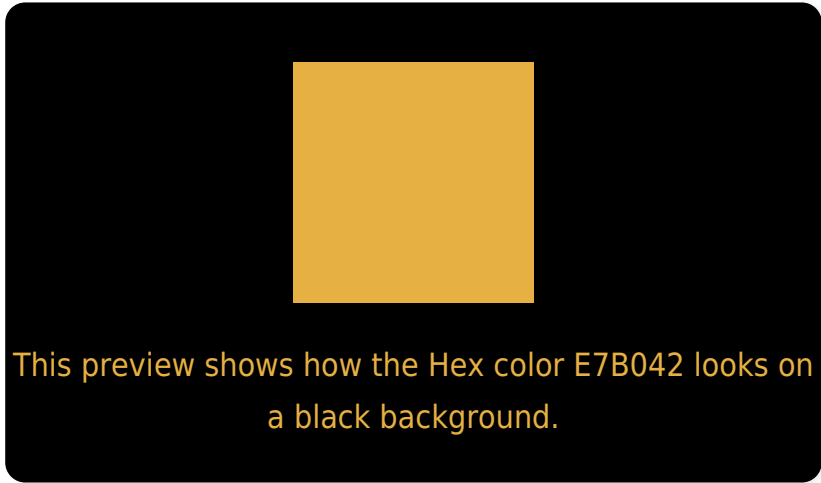
Large Text (above 18pt) WCAG AA × Fail

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 E7B042 Background



This preview shows how black text looks on a background with the Hex color E7B042.

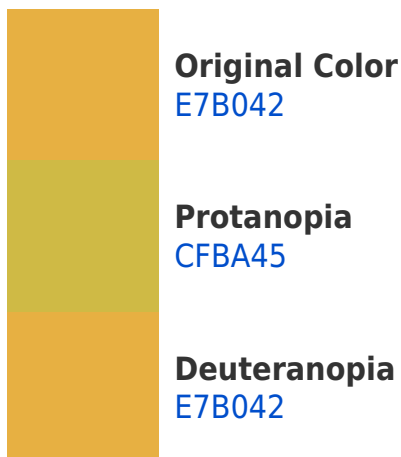


This preview shows how white text looks on a background with the Hex color E7B042.

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](#).

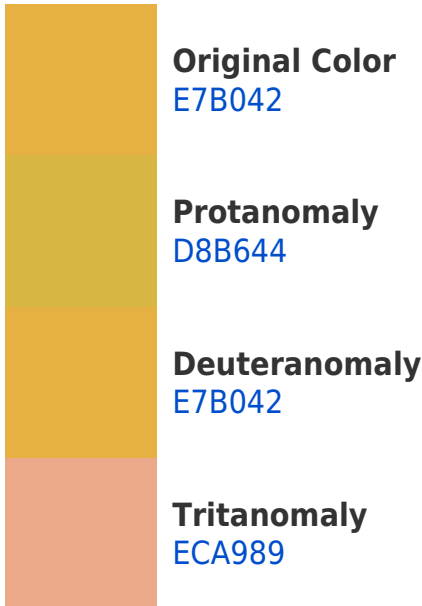
Dichromacy



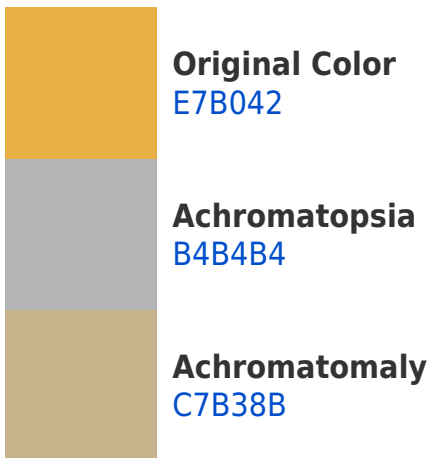


Tritanopia
EFA5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7B042 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 #E7B042 looks like.

```
.text, #text, p{  
    color:#E7B042  
}
```

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 #E7B042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7B042
}
```

Border

The CSS property to change the border of an element to Hex E7B042 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
#E7B042 }
```

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

```
.border{ border-color:#E7B042 }
```

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

Here you see how a box with a 4 pixel #E7B042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7B042; -webkit-box-shadow:4px 4px  
4px 4px #E7B042; box-shadow:4px 4px 4px  
4px #E7B042 }
```

Background

The CSS property to change the background color of an element to Hex E7B042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7B042 }
```

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

```
.background{ background-color:#E7B042 }
```

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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