

Converting Colors

Hex(E6BA0C)

Have a look what the booklet for
Hex(E6BA0C) contains.

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Color

Hex(E6BA0C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E6BA0C |
| RGB | 230, 186, 12 |
| RGB Percent | 90%, 73%, 5% |
| CMY | 0.0980, 0.2706, 0.9529 |
| CMYK | 0.00, 0.19, 0.95, 0.10 |
| HSL | 48°, 90%, 47% |
| HSV | 48°, 95%, 90% |
| XYZ | 50.2584, 51.9673, 7.7296 |
| YIQ | 179.3200, 82.0780, -44.7860 |

Conversions

Conversions Part 2

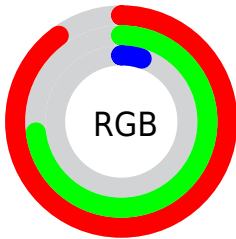
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 67, 230, 12 |
| Decimal | 15120908 |
| CIELab | 77.26, 2.33, 77.98 |
| CIELCh | 77, 78.018, 88.286 |
| Yxy | 51.9673, 0.4571, 0.4726 |
| Android (android.graphics.Color) | 4293310988 (0xFFE6BA0C) |
| YUV | 179.3200, -82.4888, 44.4464 |
| Hunter-Lab | 72.0884, -1.7085, 44.1045 |

Details

The Hex color **E6BA0C** 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 **0C38E6**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFF256**, and **A98500** is the 20% darker color. If you saturate the color by 10%, you get **E6B800**, and if you desaturate by 10%, it is **E6BF23**.

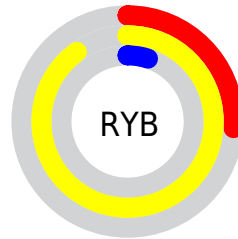
Distribution



Red (90%)

Green (73%)

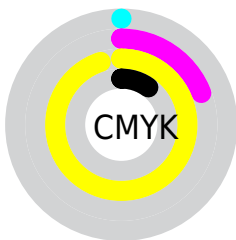
Blue (5%)



Red (26%)

Yellow (90%)

Blue (5%)

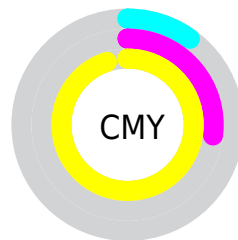


Cyan (0%)

Magenta (19%)

Yellow (95%)

Black (10%)



Cyan (10%)

Magenta (27%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6BA0C 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 E6BA0C by changing the saturation by 10% instead.

 E6BA0C

 E6BA0C

FFFFFF

 C79F00

 FFF256

 A98500

 FFFF73

 8C6C00

 FFFF8F

 6F5400

 FFFFAC

 533E00

 FFFFC9

 382800

 FFFFEE

 201400

 000000

 E6BA0C

 E6BA0C

 E6B800

 E6BF23

 E6C33A

 E6C851

 E6CD68

 E6D17F

 E6D696

 E6DAAD

 E6DFC4

 E6E4DB

Harmonies

Analogous

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



FF9D40



E6BA0C



9FCF2E

Triad

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



E6BA0C



00E0FF



FF8DFF

Complementary

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



E6BA0C



0C38E6

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.



B6ADFF



E6BA0C



00D9FF

Square

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



E6BA0C



00E0B8



00C9FF



FF77C6

Rectangle

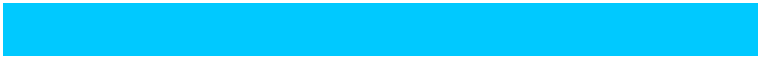
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6BA0C



5FD758



00C9FF



F997FF

Sweetspot

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



E6BA0C



FFF1B8



E60C3B



807754



000000



808080

Same Dimension

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



E6BA0C



FFCC00



A8E60C



737067



B38E00



332900

Inverse Universe

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



0C38E6



0033FF



4A0CE6



676A73



0024B3



000A33

Previews

White Background



This preview shows how the Hex color E6BA0C looks on a white background.

Color Contrast Check

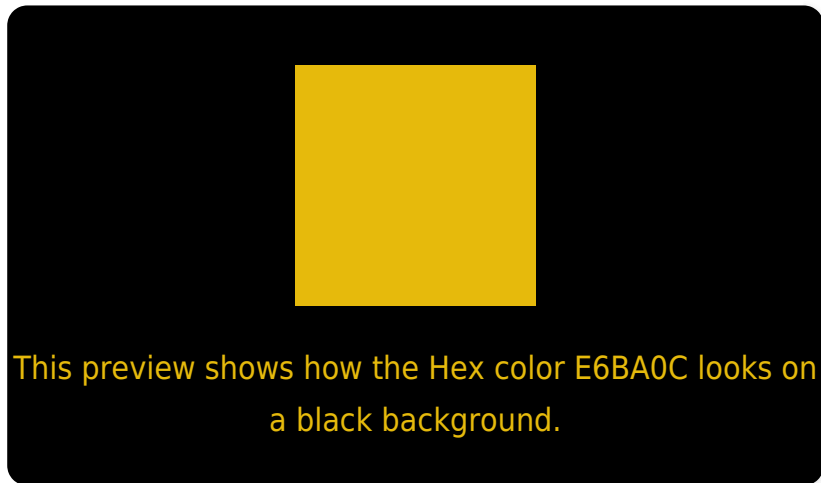
Large Text (above 18pt) WCAG AA × Fail

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 E6BA0C Background



This preview shows how black text looks on a background with the Hex color E6BA0C.



This preview shows how white text looks on a background with the Hex color E6BA0C.

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

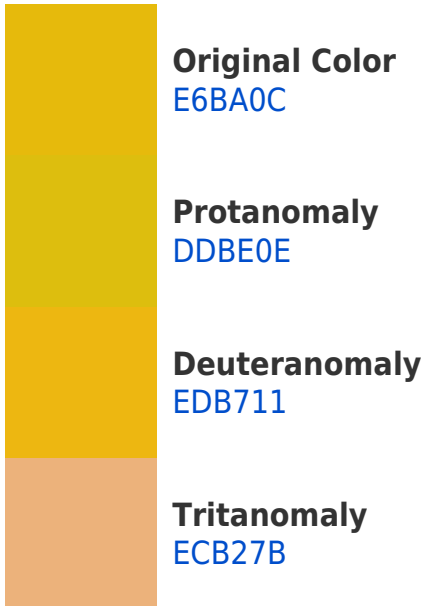


Original Color
E6BA0C

Protanopia
D8C00F

Deuteranopia
F1B514

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6BA0C 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 #E6BA0C looks like.

```
.text, #text, p{  
    color:#E6BA0C  
}
```

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 #E6BA0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6BA0C
}
```

Border

The CSS property to change the border of an element to Hex E6BA0C 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
#E6BA0C }
```

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

```
.border{ border-color:#E6BA0C }
```

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

Here you see how a box with a 4 pixel #E6BA0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6BA0C; -webkit-box-shadow:4px 4px  
4px 4px #E6BA0C; box-shadow:4px 4px 4px  
4px #E6BA0C }
```

Background

The CSS property to change the background color of an element to Hex E6BA0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6BA0C }
```

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

```
.background{ background-color:#E6BA0C }
```

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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