

Converting Colors

Hex(E0B732)

Have a look what the booklet for
Hex(E0B732) contains.

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Color

Hex(E0B732)

Conversions

Conversions Part 1

Format	Color
Hex	E0B732
RGB	224, 183, 50
RGB Percent	88%, 72%, 20%
CMY	0.1216, 0.2824, 0.8039
CMYK	0.00, 0.18, 0.78, 0.12
HSL	46°, 74%, 54%
HSV	46°, 78%, 88%
XYZ	48.2497, 49.9446, 10.1148
YIQ	180.0970, 67.1290, -32.6710

Conversions

Conversions Part 2

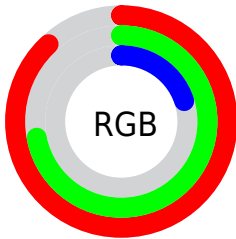
Format	Color
RYB	104, 224, 50
Decimal	14726962
CIELab	76.04, 2.16, 68.10
CIELCh	76, 68.136, 88.185
Yxy	49.9446, 0.4455, 0.4611
Android (android.graphics.Color)	4292917042 (0xFFE0B732)
YUV	180.0970, -64.1378, 38.5029
Hunter-Lab	70.6715, -1.8074, 40.9842

Details

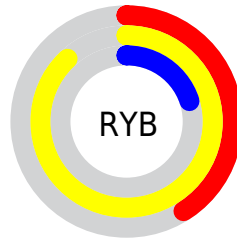
The Hex color **E0B732** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **325BE0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFEF6B**, and **A48200** is the 20% darker color. If you saturate the color by 10%, you get **E0B21C**, and if you desaturate by 10%, it is **E0BC48**.

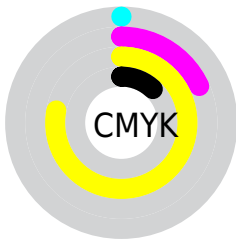
Distribution



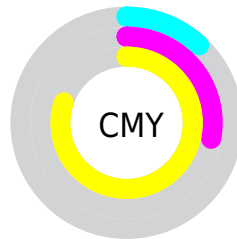
- Red (88%)
- Green (72%)
- Blue (20%)



- Red (41%)
- Yellow (88%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (78%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0B732 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 E0B732 by changing the saturation by 10% instead.

 E0B732

 E0B732

FFFFFF

 C29C0C

 FFEF6B

 A48200

 FFFF86

 876A00

 FFFFA2

 6B5200

 FFFFBF

 4F3B00

 FFFFDB

 352600

 FFFFF9

 1D1200

 000000

 E0B732

 E0B732

 E0B21C

 E0BC48

 E0AC05

 E0C25F

 E0AB00

 E0C775

 E0CC8C

 E0D1A2

 E0D7B8

 E0DCCF

 E0E1E5

 E0E7FC

Harmonies

Analogous

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



FF9F50



E0B732



A2C943

Triad

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



E0B732



00D9F5



FF92FF

Complementary

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



E0B732



325BE0

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.



B6ACFF



E0B732



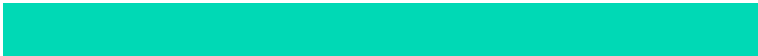
00D3FF

Square

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



E0B732



00D9B5



00C4FF



FF81C2

Rectangle

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



E0B732



6DD163



00C4FF



EF9AFF

Sweetspot

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



E0B732



FFF1C4



E0325E



80775C



000000



808080

Same Dimension

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



E0B732



FFC712



B4E032



706E65



B08600



302500

Inverse Universe

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



325BE0



124AFF



5E32E0



656870



0029B0



000B30

Previews

White Background



This preview shows how the Hex color E0B732 looks on a white background.

Color Contrast Check

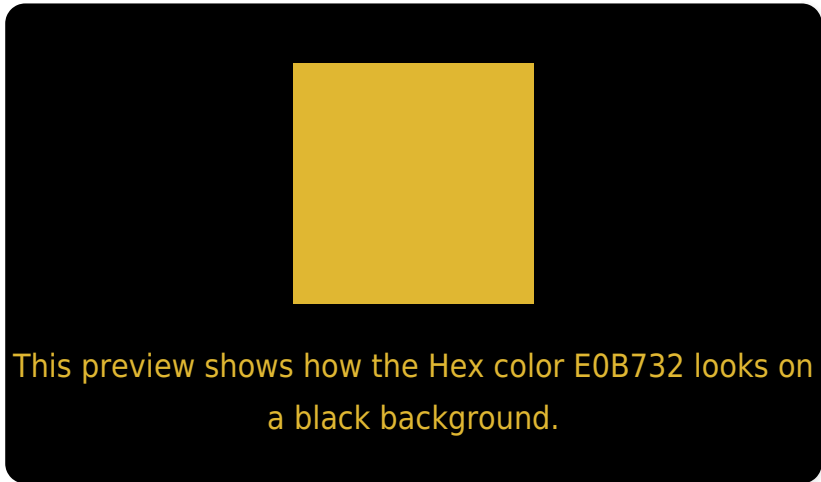
Large Text (above 18pt) WCAG AA × Fail

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 E0B732 Background



This preview shows how black text looks on a background with the Hex color E0B732.



This preview shows how white text looks on a background with the Hex color E0B732.

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
E0B732

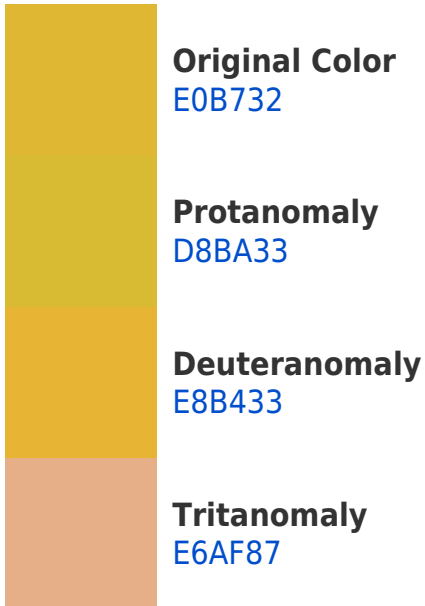
Protanopia
D3BC33

Deuteranopia
ECB234

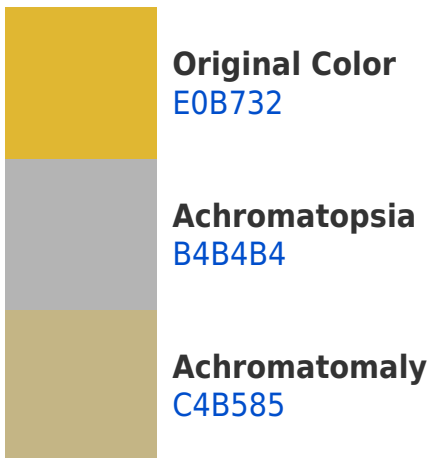


Tritanopia
E9ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0B732 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 #E0B732 looks like.

```
.text, #text, p{  
    color:#E0B732  
}
```

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 #E0B732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0B732
}
```

Border

The CSS property to change the border of an element to Hex E0B732 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
#E0B732 }
```

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

```
.border{ border-color:#E0B732 }
```

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

Here you see how a box with a 4 pixel #E0B732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0B732; -webkit-box-shadow:4px 4px  
4px 4px #E0B732; box-shadow:4px 4px 4px  
4px #E0B732 }
```

Background

The CSS property to change the background color of an element to Hex E0B732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0B732 }
```

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

```
.background{ background-color:#E0B732 }
```

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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