

Converting Colors

Hex(E0B22B)

Have a look what the booklet for
Hex(E0B22B) contains.

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Color

Hex(E0B22B)

Conversions

Conversions Part 1

Format	Color
Hex	E0B22B
RGB	224, 178, 43
RGB Percent	88%, 70%, 17%
CMY	0.1216, 0.3020, 0.8314
CMYK	0.00, 0.21, 0.81, 0.12
HSL	45°, 74%, 52%
HSV	45°, 81%, 88%
XYZ	47.0969, 47.8625, 9.0416
YIQ	176.3640, 70.7510, -32.2330

Conversions

Conversions Part 2

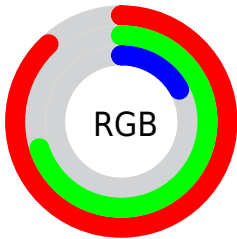
Format	Color
RYB	105, 224, 43
Decimal	14725675
CIELab	74.74, 4.55, 69.19
CIELCh	75, 69.339, 86.240
Yxy	47.8625, 0.4529, 0.4602
Android (android.graphics.Color)	4292915755 (0xFFE0B22B)
YUV	176.3640, -65.7485, 41.7768
Hunter-Lab	69.1827, 0.4461, 40.6792

Details

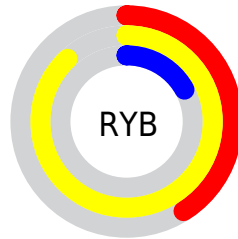
The Hex color **E0B22B** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **2B59E0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE965**, and **A47E00** is the 20% darker color. If you saturate the color by 10%, you get **E0AC15**, and if you desaturate by 10%, it is **E0B841**.

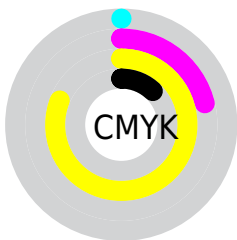
Distribution



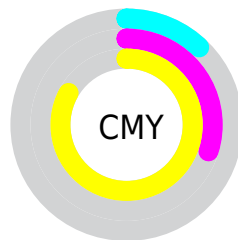
- Red (88%)
- Green (70%)
- Blue (17%)



- Red (41%)
- Yellow (88%)
- Blue (17%)



- Cyan (0%)
- Magenta (21%)
- Yellow (81%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0B22B 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 E0B22B by changing the saturation by 10% instead.

 E0B22B

 E0B22B

FFFFFF

 C29700

 FFE965

 A47E00

 FFFF80

 876500

 FFFF9C

 6A4D00

 FFFFB9

 4F3700

 FFFFD5

 342200

 FFFFF3

 1C0D00

 000000

 E0B22B

 E0B22B

 E0AC15

 E0B841

 E0A700

 E0BD58

 E0C36E

 E0C985

 E0CE9B

 E0D4B1

 E0DAC8

 E0E0DE

 E0E5F5

Harmonies

Analogous

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



FF994D



E0B22B



A2C53A

Triad

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



E0B22B



00D6EF



FE8FFF

Complementary

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



E0B22B



2B59E0

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.



AAAAFF



E0B22B



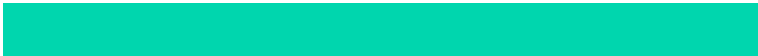
00D0FF

Square

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



E0B22B



00D6AE



00C2FF



FF7CC3

Rectangle

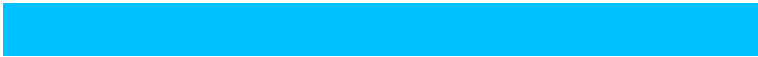
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0B22B



6ECD5A



00C2FF



E798FF

Sweetspot

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



E0B22B



FFEFC2



E02B5B



80765B



000000



808080

Same Dimension

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



E0B22B



FFC008



B6E02B



706D65



B08300



302400

Inverse Universe

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



2B59E0



0847FF



552BE0



656870



002DB0



000C30

Previews

White Background



This preview shows how the Hex color E0B22B looks on a white background.

Color Contrast Check

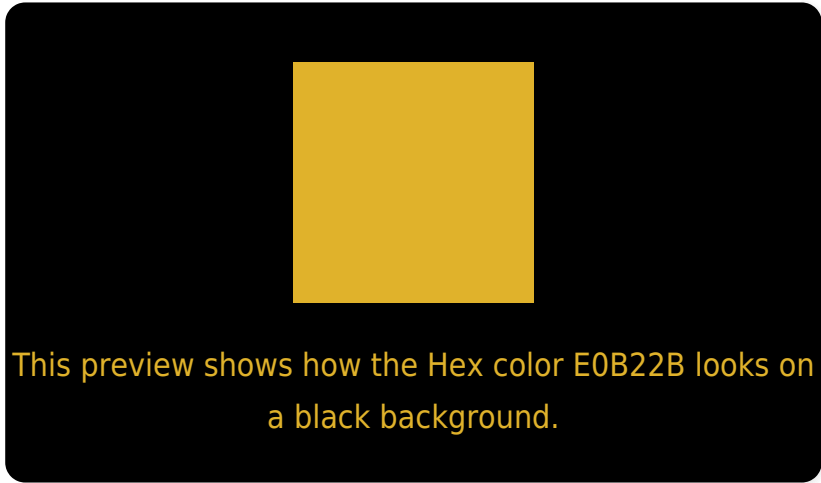
Large Text (above 18pt) WCAG AA × Fail

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 E0B22B Background



This preview shows how black text looks on a background with the Hex color E0B22B.



This preview shows how white text looks on a background with the Hex color E0B22B.

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
E0B22B

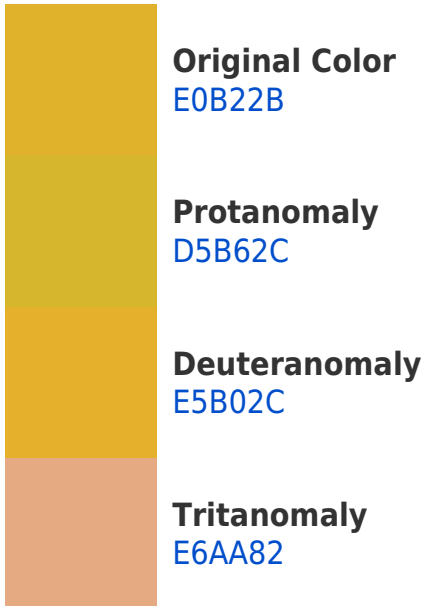
Protanopia
CFB92D

Deuteranopia
E8AF2D



Tritanopia
E9A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0B22B 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 #E0B22B looks like.

```
.text, #text, p{  
    color:#E0B22B  
}
```

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 #E0B22B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0B22B
}
```

Border

The CSS property to change the border of an element to Hex E0B22B 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
#E0B22B }
```

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

```
.border{ border-color:#E0B22B }
```

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

Here you see how a box with a 4 pixel #E0B22B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0B22B; -webkit-box-shadow:4px 4px  
4px 4px #E0B22B; box-shadow:4px 4px 4px  
4px #E0B22B }
```

Background

The CSS property to change the background color of an element to Hex E0B22B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0B22B }
```

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

```
.background{ background-color:#E0B22B }
```

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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