

Converting Colors

Hex(E3B11D)

Have a look what the booklet for
Hex(E3B11D) contains.

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Color

Hex(E3B11D)

Conversions

Conversions Part 1

Format	Color
Hex	E3B11D
RGB	227, 177, 29
RGB Percent	89%, 69%, 11%
CMY	0.1098, 0.3059, 0.8863
CMYK	0.00, 0.22, 0.87, 0.11
HSL	45°, 78%, 50%
HSV	45°, 87%, 89%
XYZ	47.6225, 47.8639, 7.8911
YIQ	175.0780, 77.3080, -35.4280

Conversions

Conversions Part 2

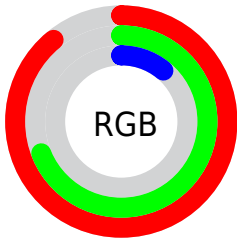
Format	Color
R_{YB}	96, 227, 29
Decimal	14922013
CIE _{Lab}	74.74, 6.01, 73.06
CIE _{LCh}	75, 73.308, 85.298
Yxy	47.8639, 0.4607, 0.4630
Android (android.graphics.Color)	4293112093 (0xFFE3B11D)
YUV	175.0780, -72.0165, 45.5356
Hunter-Lab	69.1837, 1.7986, 41.6660

Details

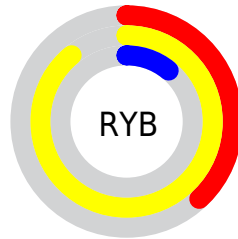
The Hex color **E3B11D** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1D4FE3**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE85C**, and **A77D00** is the 20% darker color. If you saturate the color by 10%, you get **E3AB06**, and if you desaturate by 10%, it is **E3B734**.

Distribution



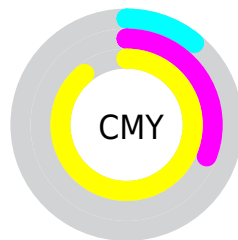
- Red (89%)
- Green (69%)
- Blue (11%)



- Red (38%)
- Yellow (89%)
- Blue (11%)



- Cyan (0%)
- Magenta (22%)
- Yellow (87%)
- Black (11%)



- Cyan (11%)
- Magenta (31%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3B11D 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 E3B11D by changing the saturation by 10% instead.

 E3B11D

 E3B11D

FFFFFF

 C59700

 FFE85C

 A77D00

 FFFF78

 896400

 FFFF94

 6C4D00

 FFFFB0

 503600

 FFFFCD

 362100

 FFFFEA

 1E0C00

 000000

 E3B11D

 E3B11D

 E3AB06

 E3B734

 E3AA00

 E3BC4A

 E3C261

 E3C878

 E3CE8F

 E3D3A5

 E3D9BC

 E3DFD3

 E3E5E9

Harmonies

Analogous

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



FF9648



E3B11D



A2C52E

Triad

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



E3B11D



00D7F0



FF8CFF

Complementary

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



E3B11D



1D4FE3

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.



A4ABFF



E3B11D



00D2FF

Square

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



E3B11D



00D7AB



00C3FF



FF77C6

Rectangle

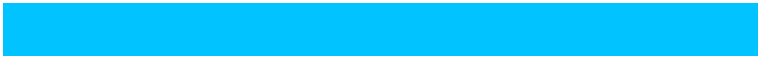
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3B11D



6BCE52



00C3FF



E796FF

Sweetspot

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



E3B11D



FFEEBD



E31D52



807658



000000



808080

Same Dimension

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



E3B11D



FFBF00



B5E31D



737067



B38500



332600

Inverse Universe

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



1D4FE3



0040FF



4B1DE3



676A73



002DB3



000D33

Previews

White Background



This preview shows how the Hex color E3B11D looks on a white background.

Color Contrast Check

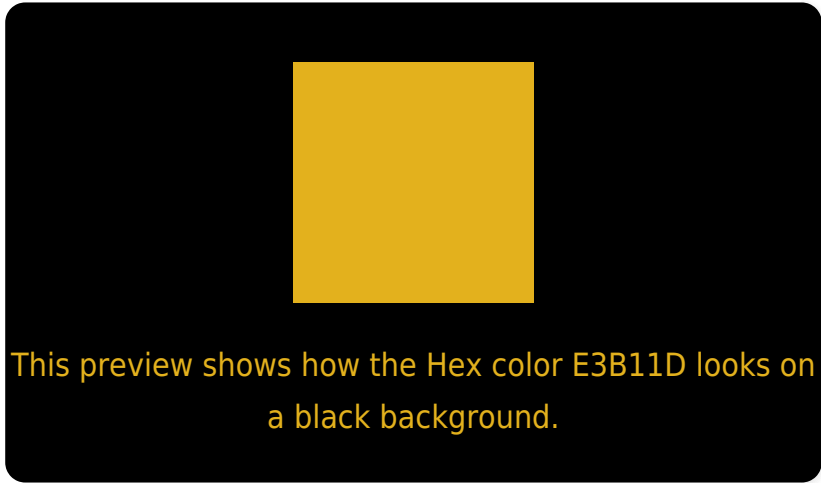
Large Text (above 18pt) WCAG AA × Fail

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 E3B11D Background



This preview shows how black text looks on a background with the Hex color E3B11D.



This preview shows how white text looks on a background with the Hex color E3B11D.

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
E3B11D

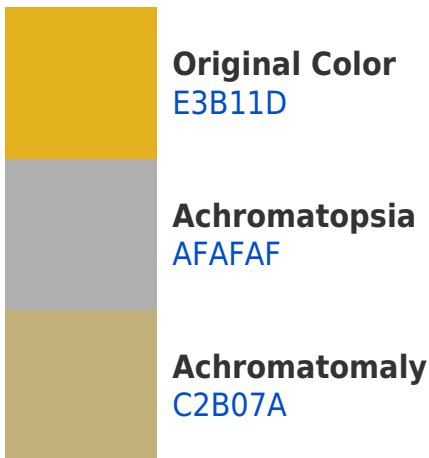
Protanopia
CFB91F

Deuteranopia
E8AF1F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3B11D 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 #E3B11D looks like.

```
.text, #text, p{  
    color:#E3B11D  
}
```

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 #E3B11D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3B11D
}
```

Border

The CSS property to change the border of an element to Hex E3B11D 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
#E3B11D }
```

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

```
.border{ border-color:#E3B11D }
```

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

Here you see how a box with a 4 pixel #E3B11D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3B11D; -webkit-box-shadow:4px 4px  
4px 4px #E3B11D; box-shadow:4px 4px 4px  
4px #E3B11D }
```

Background

The CSS property to change the background color of an element to Hex E3B11D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3B11D }
```

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

```
.background{ background-color:#E3B11D }
```

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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