

Converting Colors

Hex(E3B13D)

Have a look what the booklet for
Hex(E3B13D) contains.

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Color

Hex(E3B13D)

Conversions

Conversions Part 1

Format	Color
Hex	E3B13D
RGB	227, 177, 61
RGB Percent	89%, 69%, 24%
CMY	0.1098, 0.3059, 0.7608
CMYK	0.00, 0.22, 0.73, 0.11
HSL	42°, 75%, 56%
HSV	42°, 73%, 89%
XYZ	48.2430, 48.1121, 11.1588
YIQ	178.7260, 67.0360, -25.4760

Conversions

Conversions Part 2

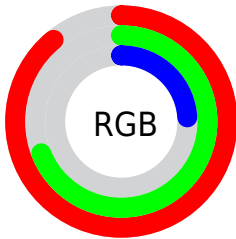
Format	Color
RYB	133, 227, 61
Decimal	14922045
CIELab	74.90, 7.05, 63.12
CIELCh	75, 63.515, 83.626
Yxy	48.1121, 0.4487, 0.4475
Android (android.graphics.Color)	4293112125 (0xFFE3B13D)
YUV	178.7260, -58.0389, 42.3363
Hunter-Lab	69.3629, 2.7646, 39.0157

Details

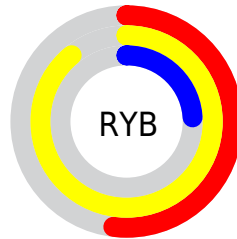
The Hex color **E3B13D** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **3D6FE3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE873**, and **A77D00** is the 20% darker color. If you saturate the color by 10%, you get **E3AA26**, and if you desaturate by 10%, it is **E3B854**.

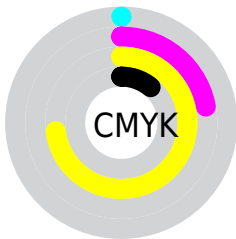
Distribution



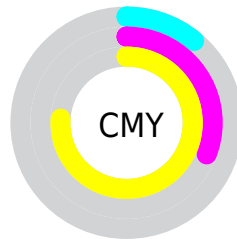
- Red (89%)
- Green (69%)
- Blue (24%)



- Red (52%)
- Yellow (89%)
- Blue (24%)



- Cyan (0%)
- Magenta (22%)
- Yellow (73%)
- Black (11%)



- Cyan (11%)
- Magenta (31%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3B13D 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 E3B13D by changing the saturation by 10% instead.

 E3B13D

 E3B13D

FFFFFF

 C5961F

 FFE873

 A77D00

 FFFF8F

 8A6400

 FFFFAA

 6E4C00

 FFFFC7

 523600

 FFFF E3

 382100

 1F0B00

 000000

 E3B13D

 E3B13D

 E3AA26

 E3B854

 E3A310

 E3BF6A

 E39F00

 E3C681

 E3CC98

 E3D3AF

 E3DAC5

 E3E1DC

 E3E8F3

 E3EFFF

Harmonies

Analogous

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



FF9B5B



E3B13D



ABC345

Triad

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



E3B13D



00D5E5



F496FE

Complementary

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



E3B13D



3D6FE3

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.



A5AEFF



E3B13D



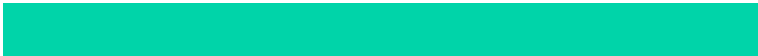
00CFFF

Square

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



E3B13D



00D4A9



00C3FF



FF85C7

Rectangle

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



E3B13D



7DCB5F



00C3FF



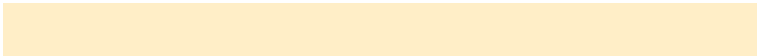
DE9EFF

Sweetspot

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



E3B13D



FFEEC7



E33D72



80765E



000000



808080

Same Dimension

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



E3B13D



FFBB1F



C5E33D



736F67



B37D00



332400

Inverse Universe

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



3D6FE3



1F62FF



5B3DE3



676B73



0036B3



000F33

Previews

White Background



This preview shows how the Hex color E3B13D looks on a white background.

Color Contrast Check

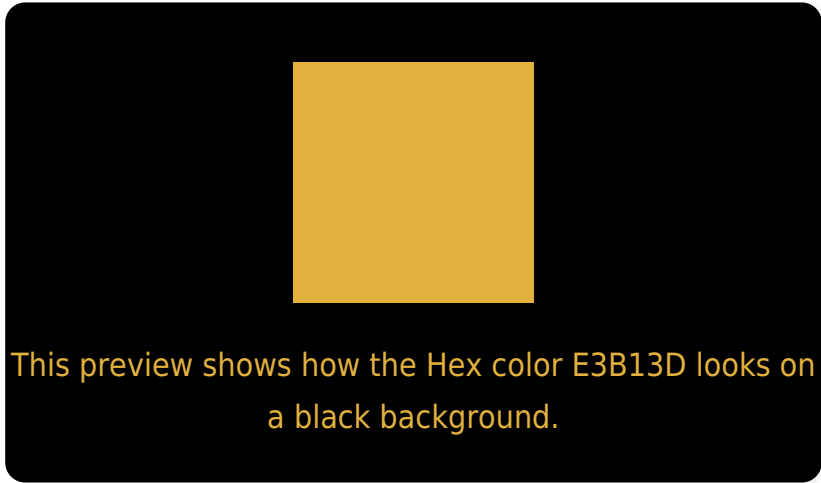
Large Text (above 18pt) WCAG AA × Fail

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 E3B13D Background



This preview shows how black text looks on a background with the Hex color E3B13D.



This preview shows how white text looks on a background with the Hex color E3B13D.

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

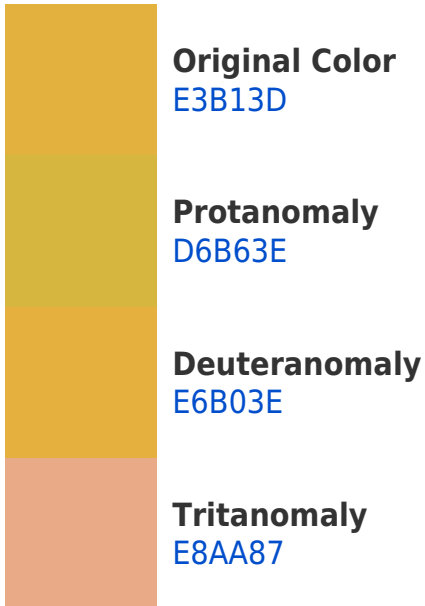


Original Color
E3B13D

Protanopia
CEB93F

Deuteranopia
E7AF3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3B13D 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 #E3B13D looks like.

```
.text, #text, p{  
    color:#E3B13D  
}
```

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 #E3B13D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3B13D
}
```

Border

The CSS property to change the border of an element to Hex E3B13D 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
#E3B13D }
```

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

```
.border{ border-color:#E3B13D }
```

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

Here you see how a box with a 4 pixel #E3B13D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3B13D; -webkit-box-shadow:4px 4px  
4px 4px #E3B13D; box-shadow:4px 4px 4px  
4px #E3B13D }
```

Background

The CSS property to change the background color of an element to Hex E3B13D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3B13D }
```

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

```
.background{ background-color:#E3B13D }
```

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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