

Converting Colors

Hex(E3B130)

Have a look what the booklet for
Hex(E3B130) contains.

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Color

Hex(E3B130)

Conversions

Conversions Part 1

Format	Color
Hex	E3B130
RGB	227, 177, 48
RGB Percent	89%, 69%, 19%
CMY	0.1098, 0.3059, 0.8118
CMYK	0.00, 0.22, 0.79, 0.11
HSL	43°, 76%, 54%
HSV	43°, 79%, 89%
XYZ	47.9342, 47.9886, 9.5326
YIQ	177.2440, 71.2090, -29.5190

Conversions

Conversions Part 2

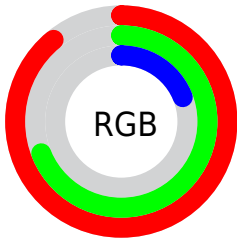
Format	Color
R _Y B	117, 227, 48
Decimal	14922032
CIE Lab	74.82, 6.53, 67.78
CIE LCh	75, 68.090, 84.493
Yxy	47.9886, 0.4545, 0.4551
Android (android.graphics.Color)	4293112112 (0xFFE3B130)
YUV	177.2440, -63.7173, 43.6360
Hunter-Lab	69.2738, 2.2845, 40.3329

Details

The Hex color **E3B130** is a light color, and the websafe version is hex **CC9900**, and the color name is [rape-blossom brown \(nanohanacha\)](#). The color can be described as light washed orange. A complement of this color would be **3062E3**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE868**, and **A77D00** is the 20% darker color. If you saturate the color by 10%, you get **E3AB19**, and if you desaturate by 10%, it is **E3B747**.

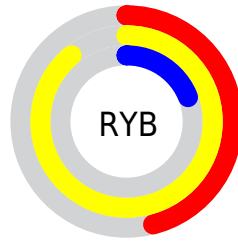
Distribution



Red (89%)

Green (69%)

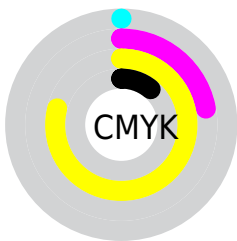
Blue (19%)



Red (46%)

Yellow (89%)

Blue (19%)

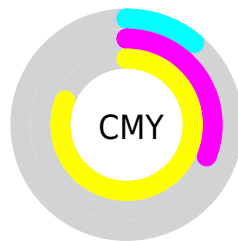


Cyan (0%)

Magenta (22%)

Yellow (79%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3B130 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 E3B130 by changing the saturation by 10% instead.

 E3B130

 E3B130

FFFFFF

 C59609

 FFE868

 A77D00


 FFFF84

 8A6400

 FFFFA0

 6D4C00

 FFFFBC

 513600

 FFFFFD9

 372100

 FFFFF6

 1F0C00

 000000

 E3B130

 E3B130

 E3AB19

 E3B747

 E3A403

 E3BE5D

 E3A400

 E3C474

 E3CA8B

 E3D1A1

 E3D7B8

 E3DDCF

 E3E4E6

 E3EAFC

Harmonies

Analogous

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



FF9852



E3B130



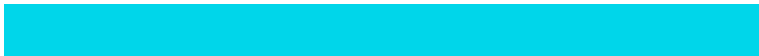
A7C43B

Triad

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



E3B130



00D6EA



F992FF

Complementary

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



E3B130



3062E3

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.



A5ACFF



E3B130



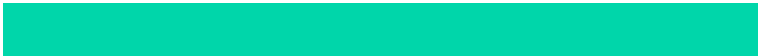
00D0FF

Square

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



E3B130



00D6AA



00C3FF



FF7FC6

Rectangle

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



E3B130



75CD59



00C3FF



E29AFF

Sweetspot

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



E3B130



FFEEC2



E33063



80755B



000000



808080

Same Dimension

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



E3B130



FFBB0D



BCE330



737067



B38100



332500

Inverse Universe

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



3062E3



0D50FF



5730E3



676A73



0032B3



000E33

Previews

White Background



This preview shows how the Hex color E3B130 looks on a white background.

Color Contrast Check

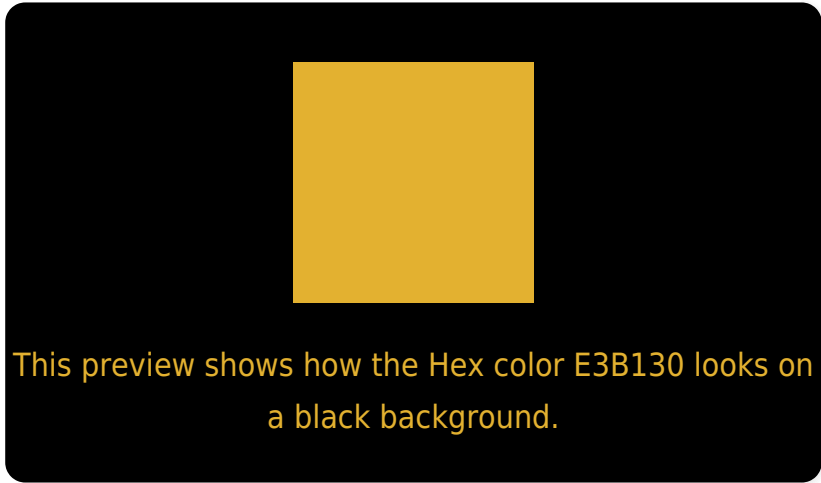
Large Text (above 18pt) WCAG AA × Fail

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 E3B130 Background



This preview shows how black text looks on a background with the Hex color E3B130.



This preview shows how white text looks on a background with the Hex color E3B130.

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
E3B130

Protanopia
CFB932

Deuteranopia
E8AF31

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3B130 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 #E3B130 looks like.

```
.text, #text, p{  
    color:#E3B130  
}
```

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 #E3B130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3B130
}
```

Border

The CSS property to change the border of an element to Hex E3B130 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
#E3B130 }
```

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

```
.border{ border-color:#E3B130 }
```

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

Here you see how a box with a 4 pixel #E3B130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3B130; -webkit-box-shadow:4px 4px  
4px 4px #E3B130; box-shadow:4px 4px 4px  
4px #E3B130 }
```

Background

The CSS property to change the background color of an element to Hex E3B130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3B130 }
```

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

```
.background{ background-color:#E3B130 }
```

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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