

# Converting Colors

Hex(E4930B)

Have a look what the booklet for  
Hex(E4930B) contains.

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**Color**

**Hex(E4930B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4930B
RGB	228, 147, 11
RGB Percent	89%, 58%, 4%
CMY	0.1059, 0.4235, 0.9569
CMYK	0.00, 0.36, 0.95, 0.11
HSL	38°, 91%, 47%
HSV	38°, 95%, 89%
XYZ	42.4890, 37.3856, 5.2933
YIQ	155.7150, 91.9320, -25.1240

# Conversions

## Conversions Part 2

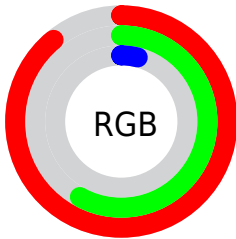
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 228, 11
Decimal	14979851
CIELab	67.57, 22.12, 71.08
CIElCh	68, 74.445, 72.718
Yxy	37.3856, 0.4989, 0.4390
Android (android.graphics.Color)	4293169931 (0xFFE4930B)
YUV	155.7150, -71.3445, 63.3939
Hunter-Lab	61.1437, 17.0388, 37.6678

# Details

The Hex color **E4930B** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **0B5CE4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFC94E**, and **A66000** is the 20% darker color. If you saturate the color by 10%, you get **E48F00**, and if you desaturate by 10%, it is **E49C22**.

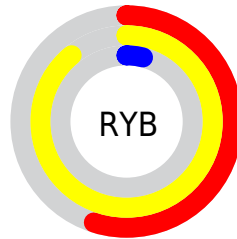
# Distribution



Red (89%)

Green (58%)

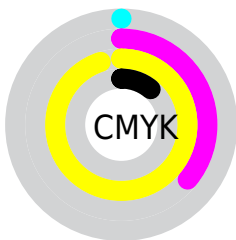
Blue (4%)



Red (55%)

Yellow (89%)

Blue (4%)

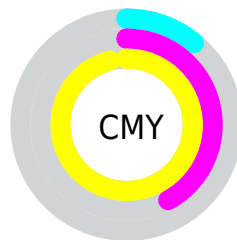


Cyan (0%)

Magenta (36%)

Yellow (95%)

Black (11%)



Cyan (11%)

Magenta (42%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4930B 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 E4930B by changing the saturation by 10% instead.



 E4930B

 E4930B

FFFFFF

 C57900

 FFC94E

 A66000

 FFE56A

 884800

 FFFF86

 6B3100

 FFFFA2

 4E1B00

 FFFFBE

 340600

 FFFFDB

 180001

 FFFFF8

 000000

 E4930B

 E4930B

 E48F00

 E49C22

 E4A439

 E4AD4F

 E4B566

 E4BE7D

 E4C694

 E4CFAB

 E4D7C1

 E4E0D8

# Harmonies

## Analogous

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



FF764C



E4930B



AAAA00

# Triad

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



E4930B



00C4C0



CB85FF

# Complementary

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



E4930B



0B5CE4

# 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.



40A3FF



E4930B



00C1FF

# Square

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



E4930B



00C17A



00B7FF



FF67CE

# Rectangle

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



E4930B



7AB521



00B7FF



AB90FF



# Sweetspot

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



E4930B



FFE3B5



E40B5E



806F53



000000



808080



# Same Dimension

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



E4930B



FFA000



CBE40B



736E67



B37000



332000



# Inverse Universe

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



0B5CE4



005FFF



240BE4



676C73



0043B3



001333



# Previews

## White Background



This preview shows how the Hex color E4930B looks on a white background.

## Color Contrast Check

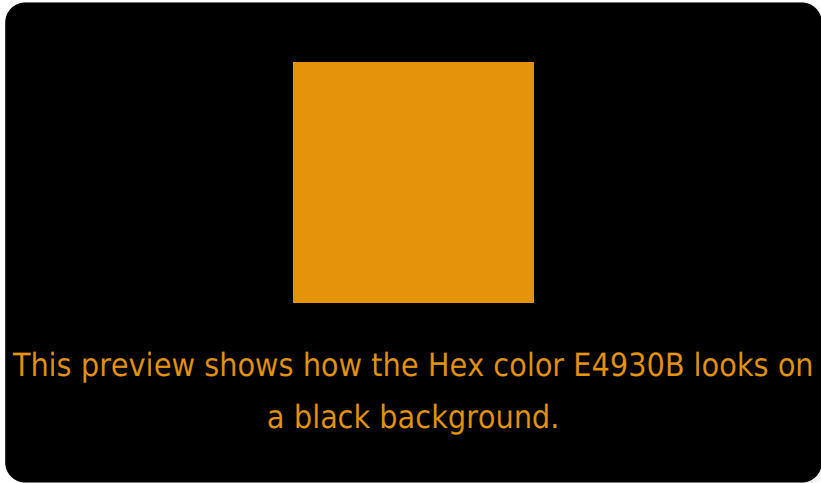
Large Text (above 18pt) WCAG AA × Fail

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 E4930B Background



This preview shows how black text looks on a background with the Hex color E4930B.



This preview shows how white text looks on a background with the Hex color E4930B.

# 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**  
E4930B

**Protanopia**  
BAA513

**Deuteranopia**  
D19C00



**Tritanopia**  
EA8993

# Trichromacy



**Original Color**  
E4930B

**Protanomaly**  
C99E10

**Deuteranomaly**  
D89904

**Tritanomaly**  
E88D62

# Monochromacy



**Original Color**  
E4930B

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
B69967

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4930B 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 #E4930B looks like.

```
.text, #text, p{  
    color:#E4930B  
}
```

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 #E4930B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4930B
}
```

## Border

The CSS property to change the border of an element to Hex E4930B 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
#E4930B }
```

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

```
.border{ border-color:#E4930B }
```

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

Here you see how a box with a 4 pixel #E4930B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4930B; -webkit-box-shadow:4px 4px  
4px 4px #E4930B; box-shadow:4px 4px 4px  
4px #E4930B }
```

# Background

The CSS property to change the background color of an element to Hex E4930B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4930B }
```

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

```
.background{ background-color:#E4930B }
```

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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