

# Converting Colors

Hex(EB9125)

Have a look what the booklet for  
Hex(EB9125) contains.

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# **Color**

**Hex(EB9125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB9125
RGB	235, 145, 37
RGB Percent	92%, 57%, 15%
CMY	0.0784, 0.4314, 0.8549
CMYK	0.00, 0.38, 0.84, 0.08
HSL	33°, 83%, 53%
HSV	33°, 84%, 92%
XYZ	44.7203, 38.0465, 6.7370
YIQ	159.5980, 88.3080, -14.5080

# Conversions

## Conversions Part 2

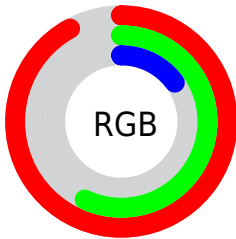
Format	Color
<a href="#">RYB</a>	<a href="#">202, 235, 37</a>
Decimal	<a href="#">15438117</a>
CIELab	<a href="#">68.05, 26.58, 65.82</a>
CIElCh	<a href="#">68, 70.984, 68.007</a>
Yxy	<a href="#">38.0465, 0.4996, 0.4251</a>
Android (android.graphics.Color)	<a href="#">4293628197</a> ( <a href="#">0xFFEB9125</a> )
YUV	<a href="#">159.5980, -60.4408, 66.1276</a>
Hunter-Lab	<a href="#">61.6819, 21.4719, 36.7016</a>

# Details

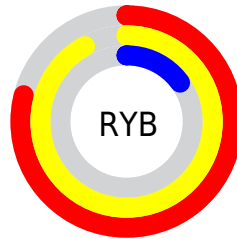
The Hex color **EB9125** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **257FEB**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFC75D**, and **AD5E00** is the 20% darker color. If you saturate the color by 10%, you get **EB860E**, and if you desaturate by 10%, it is **EB9C3C**.

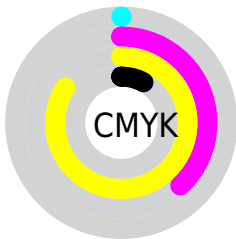
# Distribution



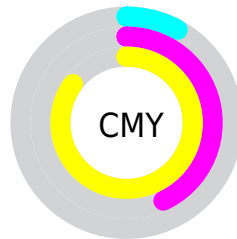
- Red (92%)
- Green (57%)
- Blue (15%)



- Red (79%)
- Yellow (92%)
- Blue (15%)



- Cyan (0%)
- Magenta (38%)
- Yellow (84%)
- Black (8%)



- Cyan (8%)
- Magenta (43%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB9125 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 EB9125 by changing the saturation by 10% instead.



 EB9125

 EB9125

FFFFFF

 CC7700

 FFC75D

 AD5E00

 FFE378

 8F4600

 FFFF93

 712F00

 FFFFAF

 541800

 FFFF CB

 390100

 FFFF E8

 200001

 000000

 EB9125

 EB9125

 EB860E

 EB9C3C

 EB8000

 EBA654

 EBB16C

 EBBC83

 EBC69B

 EBD1B2

 EBDCCA

 EBE6E1

 EBF1F9

# Harmonies

## Analogous

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



FF765A



EB9125



B6A802

# Triad

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



EB9125



00C4B6



BE8DFE

# Complementary

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



EB9125



257FEB

# 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.



18A8FF



EB9125



00C2F3

# Square

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



EB9125



00C173



00B9FF



FF71D7

# Rectangle

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



EB9125



8AB424



00B9FF



9C97FF



# Sweetspot

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



EB9125



FFE2BF



EB2581



806E59



000000



808080



# Same Dimension

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



EB9125



FF8B00



E4EB25



75706A



B56300



361D00



# Inverse Universe

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



257FEB



0074FF



2C25EB



6A6F75



0052B5



001836



# Previews

## White Background



This preview shows how the Hex color EB9125 looks on a white background.

## Color Contrast Check

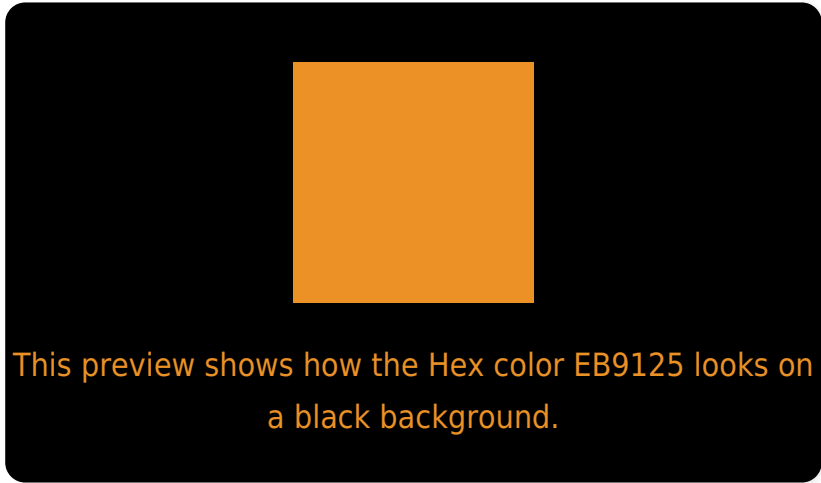
Large Text (above 18pt) WCAG AA × Fail

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 EB9125 Background



This preview shows how black text looks on a background with the Hex color EB9125.

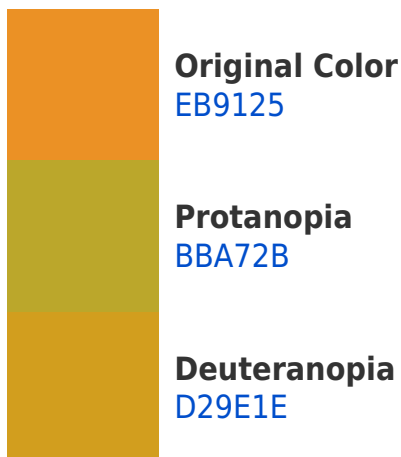


This preview shows how white text looks on a background with the Hex color EB9125.

# 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](#).

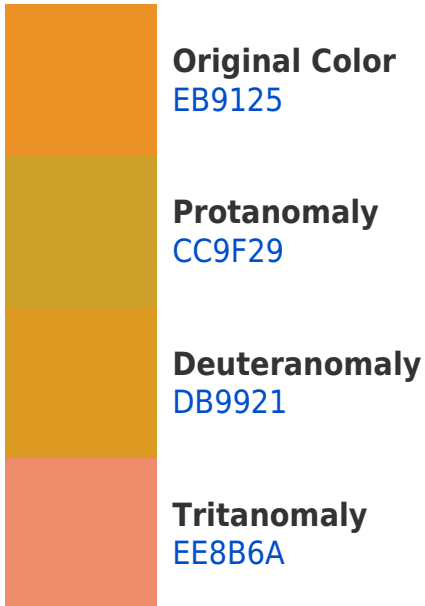
## Dichromacy



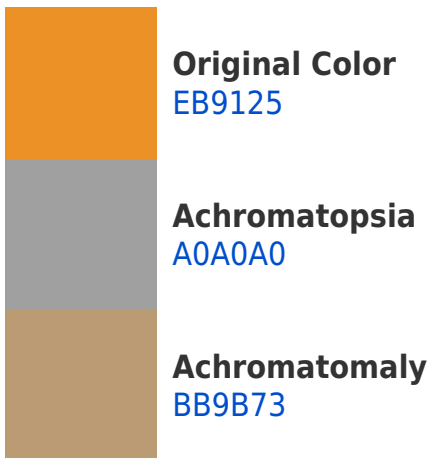


**Tritanopia**  
F08791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB9125 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 #EB9125 looks like.

```
.text, #text, p{  
    color:#EB9125  
}
```

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 #EB9125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB9125
}
```

## Border

The CSS property to change the border of an element to Hex EB9125 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
#EB9125 }
```

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

```
.border{ border-color:#EB9125 }
```

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

Here you see how a box with a 4 pixel #EB9125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB9125; -webkit-box-shadow:4px 4px  
4px 4px #EB9125; box-shadow:4px 4px 4px  
4px #EB9125 }
```

# Background

The CSS property to change the background color of an element to Hex EB9125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB9125 }
```

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

```
.background{ background-color:#EB9125 }
```

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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