

# Converting Colors

Hex(EB9920)

Have a look what the booklet for  
Hex(EB9920) contains.

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**Color**

**Hex(EB9920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB9920
RGB	235, 153, 32
RGB Percent	92%, 60%, 13%
CMY	0.0784, 0.4000, 0.8745
CMYK	0.00, 0.35, 0.86, 0.08
HSL	36°, 84%, 52%
HSV	36°, 86%, 92%
XYZ	45.9129, 40.5489, 6.7734
YIQ	163.7240, 87.7130, -20.2470

# Conversions

## Conversions Part 2

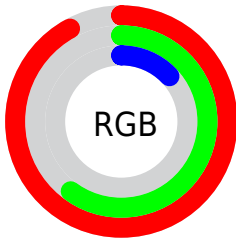
Format	Color
<a href="#">RYB</a>	<a href="#">170, 235, 32</a>
Decimal	<a href="#">15440160</a>
<a href="#">CIELab</a>	<a href="#">69.86, 22.23, 68.79</a>
<a href="#">CIElCh</a>	<a href="#">70, 72.291, 72.087</a>
<a href="#">Yxy</a>	<a href="#">40.5489, 0.4924, 0.4349</a>
Android (android.graphics.Color)	<a href="#">4293630240</a> ( <a href="#">0xFFEB9920</a> )
<a href="#">YUV</a>	<a href="#">163.7240, -64.9399, 62.5091</a>
<a href="#">Hunter-Lab</a>	<a href="#">63.6780, 17.2648, 38.2680</a>

# Details

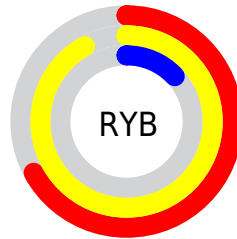
The Hex color **EB9920** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2072EB**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFCF5A**, and **AD6600** is the 20% darker color. If you saturate the color by 10%, you get **EB9008**, and if you desaturate by 10%, it is **EBA237**.

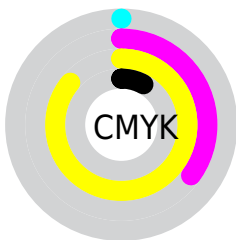
# Distribution



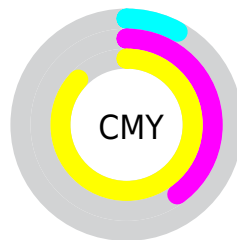
- Red (92%)
- Green (60%)
- Blue (13%)



- Red (67%)
- Yellow (92%)
- Blue (13%)



- Cyan (0%)
- Magenta (35%)
- Yellow (86%)
- Black (8%)



- Cyan (8%)
- Magenta (40%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB9920 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 EB9920 by changing the saturation by 10% instead.



 EB9920

 EB9920

FFFFFF

 CC7F00

 FFCF5A

 AD6600

 FFEC76

 8F4E00

 FFFF91

 723700

 FFFFAD

 552000

 FFFFCA

 3A0A00

 FFFF E7

 230001

 000000

 EB9920

 EB9920

 EB9008

 EBA237

 EB8C00

 EBAC4F

 EBB566

 EBBF7E

 EBC895

 EBD2AD

 EBD8C4

 EBE5DC

 EBEEF3

# Harmonies

## Analogous

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



FF7D55



EB9920



B2B009

# Triad

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



EB9920



00CAC4



CF8DFF

# Complementary

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



EB9920



2072EB

# 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.



4DA9FF



EB9920



00C7FF

# Square

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



EB9920



00C780



00BDFE



FF71D5

# Rectangle

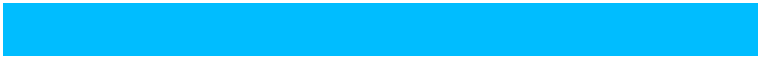
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EB9920



84BB2D



00BDFF



B097FF



# Sweetspot

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



EB9920



FFE4BD



EB2075



807058



000000



808080



# Same Dimension

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



EB9920



FF9800



DAEB20



75716A



B56C00



362000



# Inverse Universe

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



2072EB



0067FF



3120EB



6A6E75



0049B5



001636



# Previews

## White Background



This preview shows how the Hex color EB9920 looks on a white background.

## Color Contrast Check

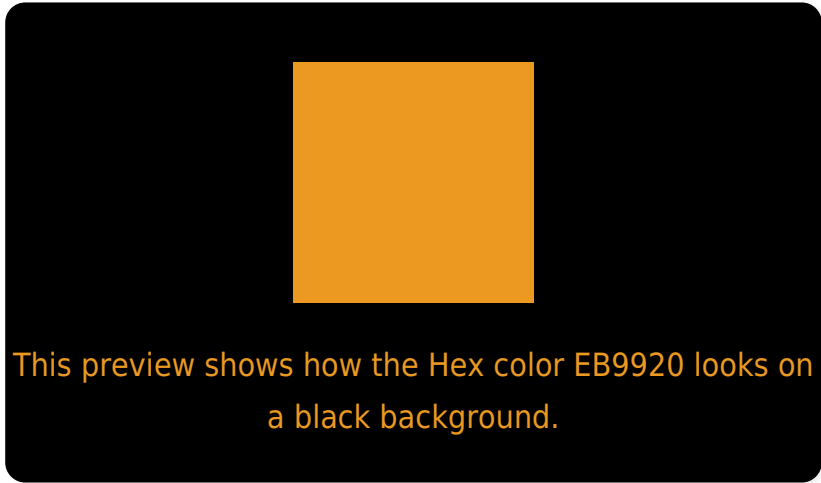
Large Text (above 18pt) WCAG AA × Fail

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 EB9920 Background



This preview shows how black text looks on a background with the Hex color EB9920.

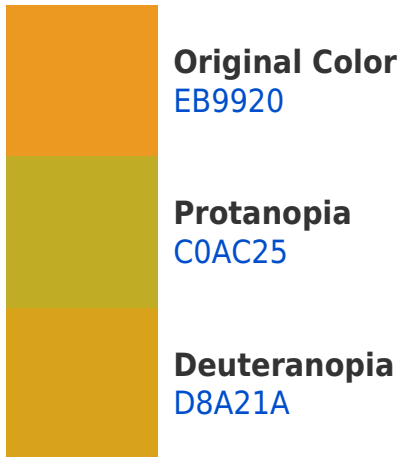


This preview shows how white text looks on a background with the Hex color EB9920.

# 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](#).

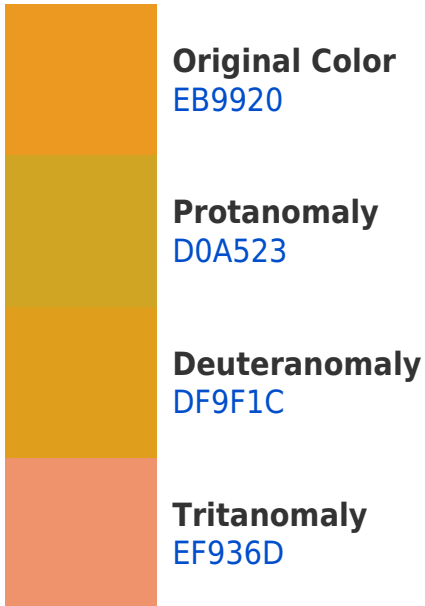
## Dichromacy



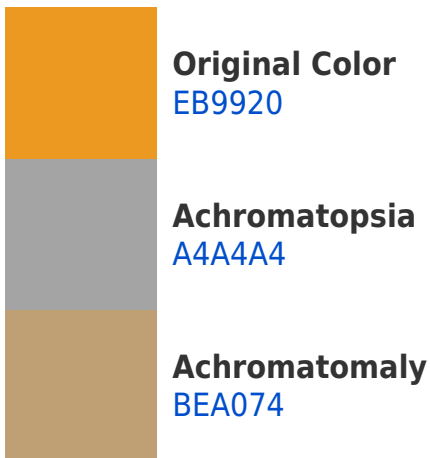


**Tritanopia**  
F18F99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB9920 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 #EB9920 looks like.

```
.text, #text, p{  
    color:#EB9920  
}
```

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 #EB9920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB9920  
}
```

## Border

The CSS property to change the border of an element to Hex EB9920 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  
#EB9920 }
```

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

```
.border{ border-color:#EB9920 }
```

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

Here you see how a box with a 4 pixel #EB9920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB9920; -webkit-box-shadow:4px 4px  
4px 4px #EB9920; box-shadow:4px 4px 4px  
4px #EB9920 }
```

# Background

The CSS property to change the background color of an element to Hex EB9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB9920 }
```

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

```
.background{ background-color:#EB9920 }
```

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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