

Converting Colors

Hex(E09B1B)

Have a look what the booklet for
Hex(E09B1B) contains.

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Color

Hex(E09B1B)

Conversions

Conversions Part 1

Format	Color
Hex	E09B1B
RGB	224, 155, 27
RGB Percent	88%, 61%, 11%
CMY	0.1216, 0.3922, 0.8941
CMYK	0.00, 0.31, 0.88, 0.12
HSL	39°, 78%, 49%
HSV	39°, 88%, 88%
XYZ	42.6596, 39.3691, 6.3875
YIQ	161.0390, 82.2120, -25.1800

Conversions

Conversions Part 2

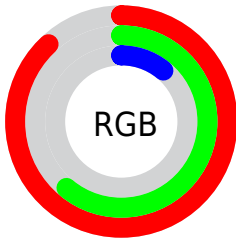
Format	Color
RYB	133, 224, 27
Decimal	14719771
CIELab	69.02, 16.37, 68.87
CIELCh	69, 70.788, 76.633
Yxy	39.3691, 0.4825, 0.4453
Android (android.graphics.Color)	4292909851 (0xFFE09B1B)
YUV	161.0390, -66.0812, 55.2168
Hunter-Lab	62.7448, 11.5572, 37.8856

Details

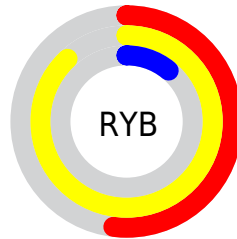
The Hex color **E09B1B** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1B60E0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFD157**, and **A36800** is the 20% darker color. If you saturate the color by 10%, you get **E09305**, and if you desaturate by 10%, it is **E0A331**.

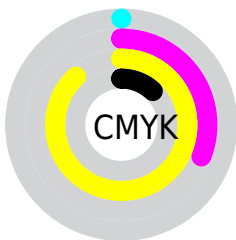
Distribution



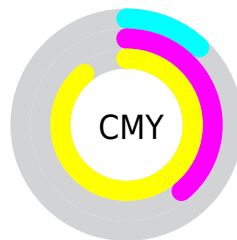
- Red (88%)
- Green (61%)
- Blue (11%)



- Red (52%)
- Yellow (88%)
- Blue (11%)



- Cyan (0%)
- Magenta (31%)
- Yellow (88%)
- Black (12%)



- Cyan (12%)
- Magenta (39%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color E09B1B 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 E09B1B by changing the saturation by 10% instead.

 E09B1B

 E09B1B

FFFFFF

 C18100

 FFD157

 A36800

 FFEE73

 865000

 FFFF8E

 683900

 FFFFAA

 4C2300

 FFFFC7

 320F00

 FFFFE4

 190001

 000000

 E09B1B

 E09B1B

 E09305

 E0A331

 E09200

 E0AB48

 E0B35E

 E0BA75

 E0C28B

 E0CAA1

 E0D2B8

 E0DACE

 E0E2E5

Harmonies

Analogous

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



FF804D



E09B1B



A7B015

Triad

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



E09B1B



00C7CB



D887FF

Complementary

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



E09B1B



1B60E0

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.



6CA3FF



E09B1B



00C3FF

Square

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



E09B1B



00C589



00B8FF



FF6EC8

Rectangle

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



E09B1B



77BA37



00B8FF



BD91FF

Sweetspot

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



E09B1B



FFE8BD



E01B63



807258



000000



808080

Same Dimension

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



E09B1B



FFA600



C6E01B



706C65



B07200



301F00

Inverse Universe

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



1B60E0



0059FF



351BE0



656970



003EB0



001130

Previews

White Background



This preview shows how the Hex color E09B1B looks on a white background.

Color Contrast Check

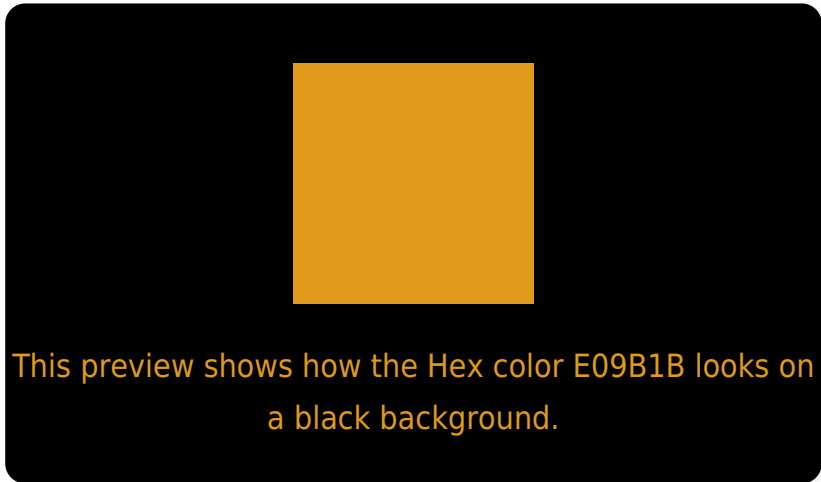
Large Text (above 18pt) WCAG AA × Fail

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 E09B1B Background



This preview shows how black text looks on a background with the Hex color E09B1B.



This preview shows how white text looks on a background with the Hex color E09B1B.

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
E09B1B

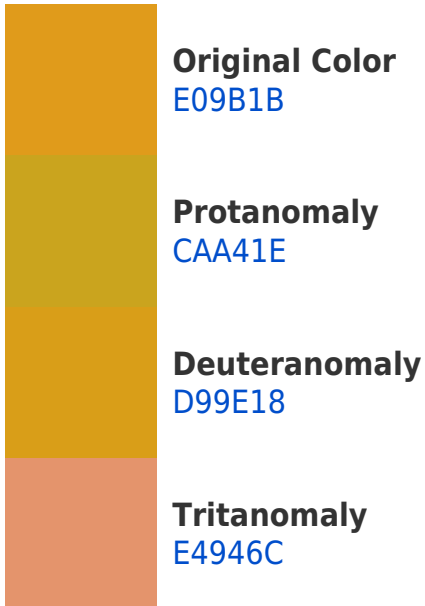
Protanopia
BEA91F

Deuteranopia
D5A017

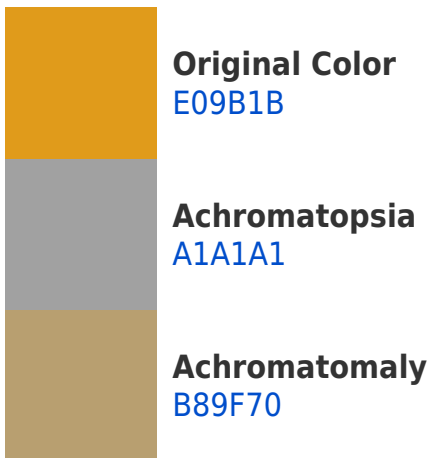


Tritanopia
E7909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E09B1B 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 #E09B1B looks like.

```
.text, #text, p{  
    color:#E09B1B  
}
```

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 #E09B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E09B1B
}
```

Border

The CSS property to change the border of an element to Hex E09B1B 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
#E09B1B }
```

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

```
.border{ border-color:#E09B1B }
```

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

Here you see how a box with a 4 pixel #E09B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E09B1B; -webkit-box-shadow:4px 4px  
4px 4px #E09B1B; box-shadow:4px 4px 4px  
4px #E09B1B }
```

Background

The CSS property to change the background color of an element to Hex E09B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E09B1B }
```

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

```
.background{ background-color:#E09B1B }
```

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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