

Converting Colors

Hex(E E 9 B 1 2)

Have a look what the booklet for
Hex(EE9B12) contains.

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Color

Hex(EE9B12)

Conversions

Conversions Part 1

Format	Color
Hex	EE9B12
RGB	238, 155, 18
RGB Percent	93%, 61%, 7%
CMY	0.0667, 0.3922, 0.9294
CMYK	0.00, 0.35, 0.92, 0.07
HSL	37°, 87%, 50%
HSV	37°, 92%, 93%
XYZ	47.0904, 41.6635, 6.1322
YIQ	164.1990, 93.4450, -25.0110

Conversions

Conversions Part 2

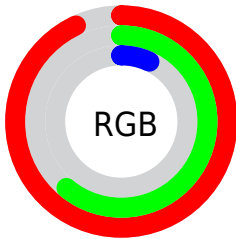
Format	Color
RYB	151, 238, 18
Decimal	15637266
CIELab	70.64, 22.20, 72.71
CIELCh	71, 76.028, 73.022
Yxy	41.6635, 0.4963, 0.4391
Android (android.graphics.Color)	4293827346 (0xFFEE9B12)
YUV	164.1990, -72.0761, 64.7235
Hunter-Lab	64.5473, 17.2668, 39.5504

Details

The Hex color **EE9B12** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1265EE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD153**, and **B06800** is the 20% darker color. If you saturate the color by 10%, you get **EE9400**, and if you desaturate by 10%, it is **EEA42A**.

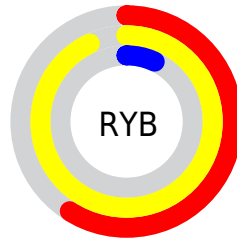
Distribution



Red (93%)

Green (61%)

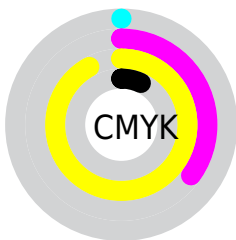
Blue (7%)



Red (59%)

Yellow (93%)

Blue (7%)

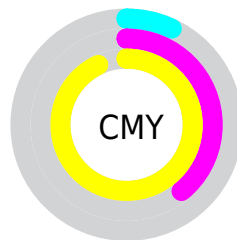


Cyan (0%)

Magenta (35%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (39%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE9B12 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 EE9B12 by changing the saturation by 10% instead.

 EE9B12

 EE9B12

FFFFFF

 CF8100

 FFD153

 B06800

 FFEE6F

 924F00

 FFFF8B

 743800

 FFFFA7

 572200

 FFFFC3

 3C0C00

 FFFFEO

 250001

FFFFFFE

 000000

 EE9B12

 EE9B12

■ EE9400

■ EEA42A

■ EEAD42

■ EEB659

■ EEBF71

■ EEC889

■ EED1A1

■ EEDAB9

■ EEE3D0

■ EEECE8

Harmonies

Analogous

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



FF7D51



EE9B12



B2B300

Triad

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



EE9B12



00CDCA



D68CFF

Complementary

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



EE9B12



1265EE

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.



4BABFF



EE9B12



00CAFF

Square

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



EE9B12



00CA82



00C0FF



FF6ED7

Rectangle

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



EE9B12



81BE28



00C0FF



B597FF

Sweetspot

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



EE9B12



FFE4B8



EE1266



806F54



000000



808080

Same Dimension

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



EE9B12



FF9F00



D4EE12



78736C



B87200



382300

Inverse Universe

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



1265EE



0060FF



2C12EE



6C7078



0045B8



001538

Previews

White Background



This preview shows how the Hex color EE9B12 looks on a white background.

Color Contrast Check

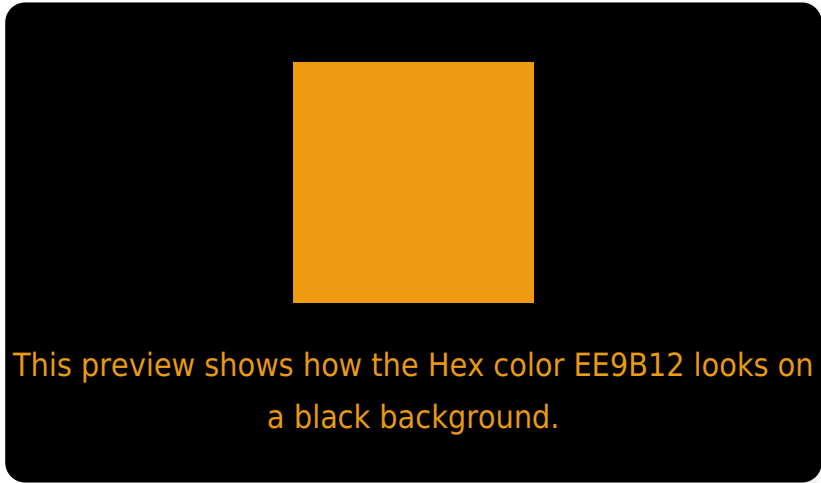
Large Text (above 18pt) WCAG AA × Fail

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 EE9B12 Background



This preview shows how black text looks on a background with the Hex color EE9B12.



This preview shows how white text looks on a background with the Hex color EE9B12.

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
EE9B12

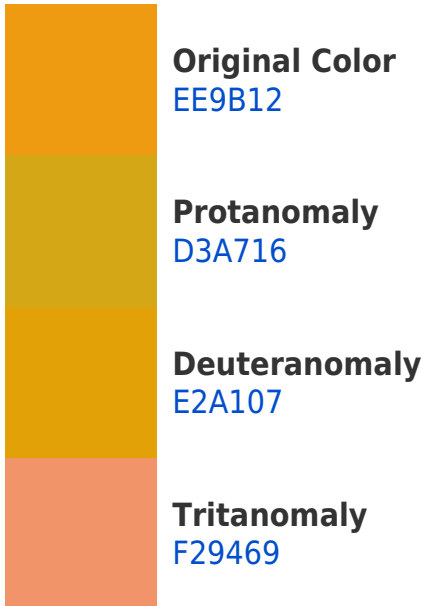
Protanopia
C3AE18

Deuteranopia
DBA400



Tritanopia
F4909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EE9B12 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 #EE9B12 looks like.

```
.text, #text, p{  
  color:#EE9B12  
}
```

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 #EE9B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE9B12
}
```

Border

The CSS property to change the border of an element to Hex EE9B12 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
#EE9B12 }
```

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

```
.border{ border-color:#EE9B12 }
```

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

Here you see how a box with a 4 pixel #EE9B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE9B12; -webkit-box-shadow:4px 4px  
4px 4px #EE9B12; box-shadow:4px 4px 4px  
4px #EE9B12 }
```

Background

The CSS property to change the background color of an element to Hex EE9B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE9B12 }
```

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

```
.background{ background-color:#EE9B12 }
```

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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