

Converting Colors

Hex(EC9411)

Have a look what the booklet for
Hex(EC9411) contains.

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Color

Hex(EC9411)

Conversions

Conversions Part 1

Format	Color
Hex	EC9411
RGB	236, 148, 17
RGB Percent	93%, 58%, 7%
CMY	0.0745, 0.4196, 0.9333
CMYK	0.00, 0.37, 0.93, 0.07
HSL	36°, 87%, 50%
HSV	36°, 93%, 93%
XYZ	45.2832, 39.0531, 5.6816
YIQ	159.3780, 94.4990, -22.0850

Conversions

Conversions Part 2

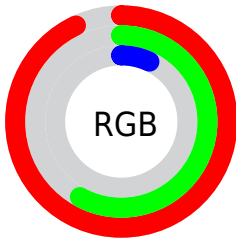
Format	Color
RYB	164, 236, 17
Decimal	15504401
CIELab	68.79, 25.04, 71.45
CIELCh	69, 75.713, 70.687
Yxy	39.0531, 0.5030, 0.4338
Android (android.graphics.Color)	4293694481 (0xFFEC9411)
YUV	159.3780, -70.1924, 67.1975
Hunter-Lab	62.4925, 19.9823, 38.3543

Details

The Hex color **EC9411** 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 **1169EC**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFCA51**, and **AE6100** is the 20% darker color. If you saturate the color by 10%, you get **EC8D00**, and if you desaturate by 10%, it is **EC9D29**.

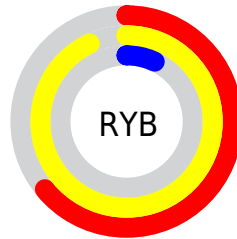
Distribution



Red (93%)

Green (58%)

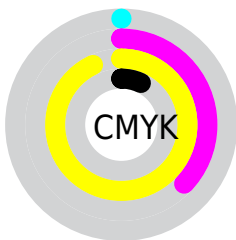
Blue (7%)



Red (64%)

Yellow (93%)

Blue (7%)

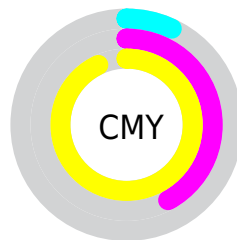


Cyan (0%)

Magenta (37%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (42%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC9411 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 EC9411 by changing the saturation by 10% instead.

 EC9411

 EC9411

FFFFFF

 CD7A00

 FFCA51

 AE6100

 FFE66D

 904900

 FFFF89

 723200

 FFFFA5

 551B00

 FFFFC1

 390500

 FFFFDE

 220001

 FFFFFB

 000000

 EC9411

 EC9411

 EC8D00

 EC9D29

 ECA740

 ECB058

 ECBA6F

 ECC387

 ECCD9F

 ECD6B6

 ECE0CE

 ECE9E5

Harmonies

Analogous

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



FF7651



EC9411



B2AC00

Triad

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



EC9411



00C7BF



C98AFF

Complementary

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



EC9411



1169EC

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.



25A8FF



EC9411



00C5FF

Square

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



EC9411



00C578



00BCFF



FF6BD7

Rectangle

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



EC9411



82B81C



00BCFF



A795FF

Sweetspot

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



EC9411



FFE2B8



EC116C



806E54



000000



808080

Same Dimension

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



EC9411



FF9900



DAEC11



75716A



B56C00



362000

Inverse Universe

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



1169EC



0066FF



2311EC



6A6E75



0049B5



001636

Previews

White Background



This preview shows how the Hex color EC9411 looks on a white background.

Color Contrast Check

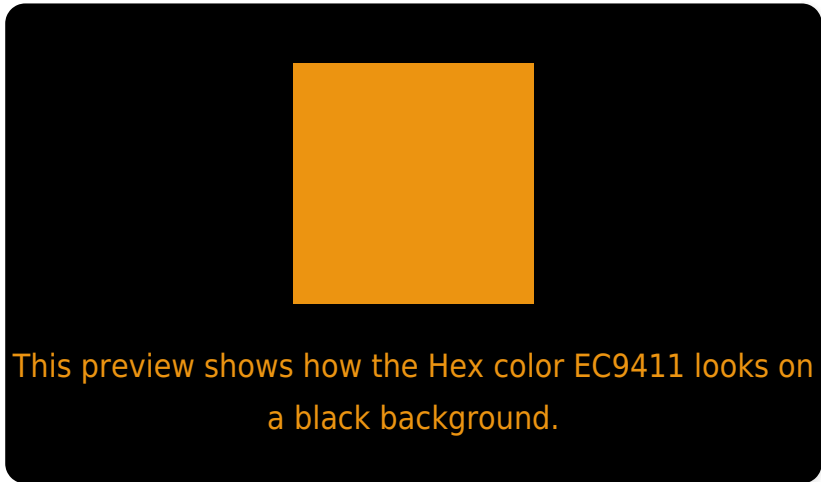
Large Text (above 18pt) WCAG AA × Fail

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 EC9411 Background



This preview shows how black text looks on a background with the Hex color EC9411.



This preview shows how white text looks on a background with the Hex color EC9411.

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
EC9411

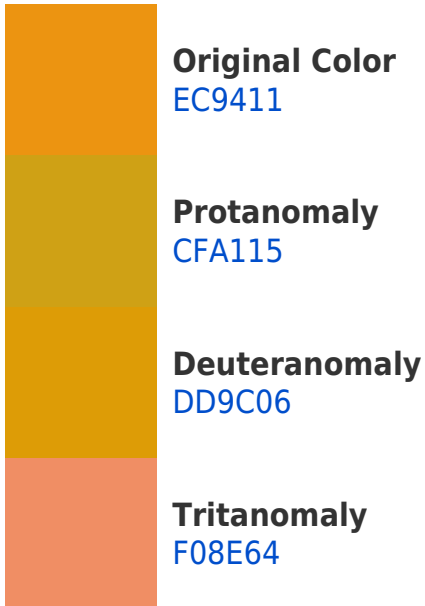
Protanopia
BEA918

Deuteranopia
D5A000

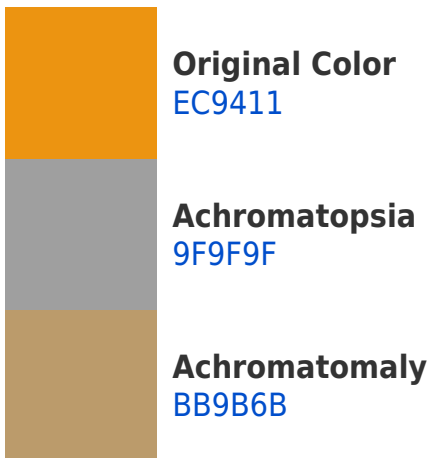


Tritanopia
F28A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC9411 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 #EC9411 looks like.

```
.text, #text, p{  
    color:#EC9411  
}
```

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 #EC9411 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9411
}
```

Border

The CSS property to change the border of an element to Hex EC9411 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
#EC9411 }
```

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

```
.border{ border-color:#EC9411 }
```

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

Here you see how a box with a 4 pixel #EC9411 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9411; -webkit-box-shadow:4px 4px  
4px 4px #EC9411; box-shadow:4px 4px 4px  
4px #EC9411 }
```

Background

The CSS property to change the background color of an element to Hex EC9411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9411 }
```

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

```
.background{ background-color:#EC9411 }
```

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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