

Converting Colors

Hex(EE902A)

Have a look what the booklet for
Hex(EE902A) contains.

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Color

Hex(EE902A)

Conversions

Conversions Part 1

Format	Color
Hex	EE902A
RGB	238, 144, 42
RGB Percent	93%, 56%, 16%
CMY	0.0667, 0.4353, 0.8353
CMYK	0.00, 0.39, 0.82, 0.07
HSL	31°, 85%, 55%
HSV	31°, 82%, 93%
XYZ	45.6511, 38.2908, 7.1753
YIQ	160.4780, 88.7660, -11.7940

Conversions

Conversions Part 2

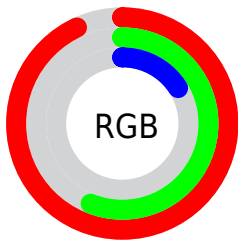
Format	Color
R _Y B	223, 238, 42
Decimal	15634474
CIE Lab	68.23, 28.49, 64.45
CIE LCh	68, 70.464, 66.152
Yxy	38.2908, 0.5010, 0.4202
Android (android.graphics.Color)	4293824554 (0xFFEE902A)
YUV	160.4780, -58.4097, 67.9868
Hunter-Lab	61.8796, 23.3974, 36.4407

Details

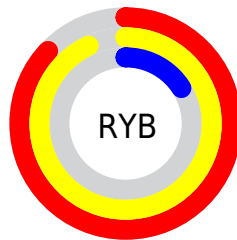
The Hex color **EE902A** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2A88EE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC661**, and **B05D00** is the 20% darker color. If you saturate the color by 10%, you get **EE8512**, and if you desaturate by 10%, it is **EE9B42**.

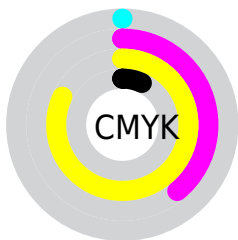
Distribution



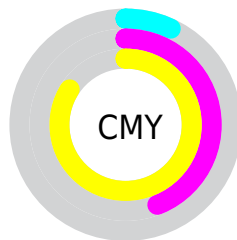
- Red (93%)
- Green (56%)
- Blue (16%)



- Red (87%)
- Yellow (93%)
- Blue (16%)



- Cyan (0%)
- Magenta (39%)
- Yellow (82%)
- Black (7%)



- Cyan (7%)
- Magenta (44%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE902A 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 EE902A by changing the saturation by 10% instead.

 EE902A

 EE902A

FFFFFF

 CF7604

 FFC661

 B05D00

 FFE27B

 924500

 FFFF97

 742D00

 FFFFB3

 571600

 FFFFCF

 3B0000

 FFFFEC

 230001

 000000

 EE902A

 EE902A

 EE8512

 EE9B42

 EE7C00

 EEA75A

 EEB271

 EEBE89

 EEC9A1

 EED4B9

 EEE0D1

 EEEBE8

 EE77FF

Harmonies

Analogous

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



FF755F



EE902A



BAA807

Triad

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



EE902A



00C4B2



B98FFF

Complementary

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



EE902A



2A88EE

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.



00AAFF



EE902A



00C3F0

Square

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



EE902A



00C170



00BBFF



FD73DB

Rectangle

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



EE902A



8FB323



00BBFF



9699FF

Sweetspot

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



EE902A



FFE0BF



EE2A89



806D59



000000



808080

Same Dimension

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



EE902A



FF8603



EBEE2A



78726C



B86000



381D00

Inverse Universe

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



2A88EE



037CFF



2D2AEE



6C7278



0058B8



001B38

Previews

White Background



This preview shows how the Hex color EE902A looks on a white background.

Color Contrast Check

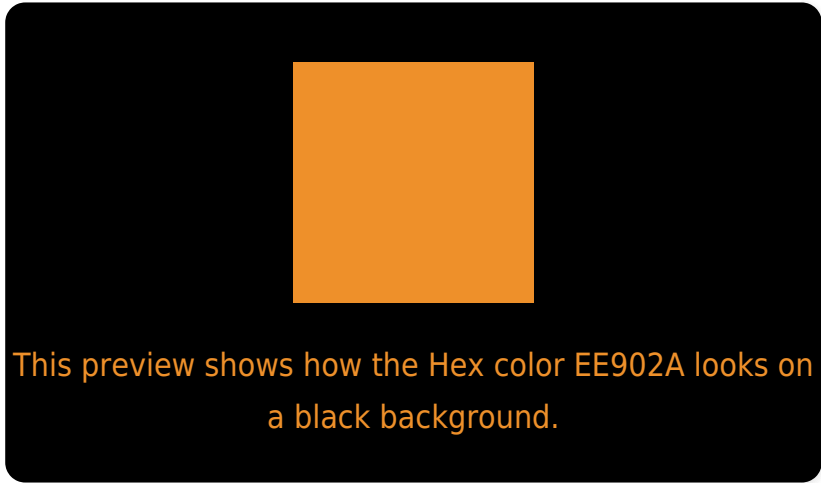
Large Text (above 18pt) WCAG AA × Fail

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 EE902A Background



This preview shows how black text looks on a background with the Hex color EE902A.



This preview shows how white text looks on a background with the Hex color EE902A.

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
EE902A

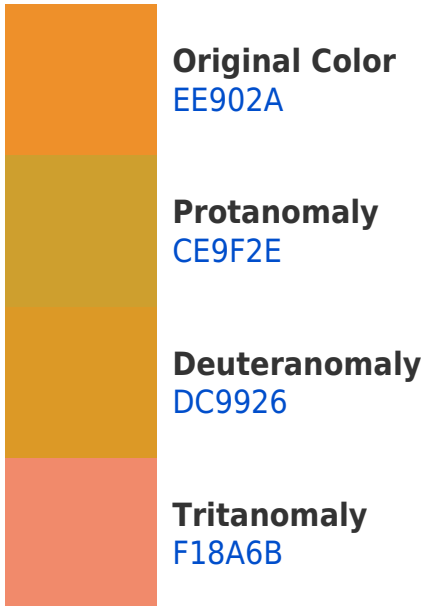
Protanopia
BBA730

Deuteranopia
D29E23



Tritanopia
F38690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EE902A 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 #EE902A looks like.

```
.text, #text, p{  
    color:#EE902A  
}
```

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 #EE902A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE902A
}
```

Border

The CSS property to change the border of an element to Hex EE902A 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
#EE902A }
```

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

```
.border{ border-color:#EE902A }
```

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

Here you see how a box with a 4 pixel #EE902A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE902A; -webkit-box-shadow:4px 4px  
4px 4px #EE902A; box-shadow:4px 4px 4px  
4px #EE902A }
```

Background

The CSS property to change the background color of an element to Hex EE902A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE902A }
```

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

```
.background{ background-color:#EE902A }
```

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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