

Converting Colors

Hex(E0902C)

Have a look what the booklet for
Hex(E0902C) contains.

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Color

Hex(E0902C)

Conversions

Conversions Part 1

Format	Color
Hex	E0902C
RGB	224, 144, 44
RGB Percent	88%, 56%, 17%
CMY	0.1216, 0.4353, 0.8275
CMYK	0.00, 0.36, 0.80, 0.12
HSL	33°, 74%, 53%
HSV	33°, 80%, 88%
XYZ	41.1684, 35.9757, 7.1571
YIQ	156.5200, 79.7800, -14.1400

Conversions

Conversions Part 2

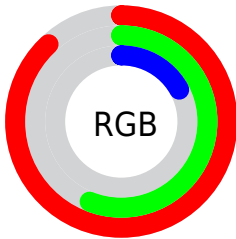
Format	Color
RYB	188, 224, 44
Decimal	14716972
CIELab	66.50, 22.70, 61.53
CIELCh	67, 65.582, 69.751
Yxy	35.9757, 0.4883, 0.4268
Android (android.graphics.Color)	4292907052 (0xFFE0902C)
YUV	156.5200, -55.4724, 59.1800
Hunter-Lab	59.9797, 17.5528, 34.9110

Details

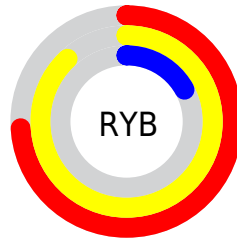
The Hex color **E0902C** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2C7CE0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC662**, and **A35D00** is the 20% darker color. If you saturate the color by 10%, you get **E08616**, and if you desaturate by 10%, it is **E09A42**.

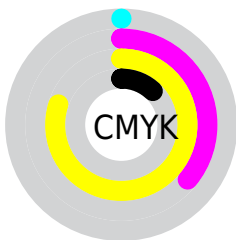
Distribution



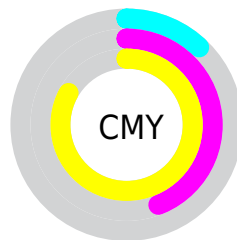
- Red (88%)
- Green (56%)
- Blue (17%)



- Red (74%)
- Yellow (88%)
- Blue (17%)



- Cyan (0%)
- Magenta (36%)
- Yellow (80%)
- Black (12%)



- Cyan (12%)
- Magenta (44%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0902C 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 E0902C by changing the saturation by 10% instead.

 E0902C

 E0902C

FFFFFF

 C1760A

 FFC662

 A35D00

 FFE27D

 864500

 FFFF98

 682F00

 FFFFB4

 4C1900

 FFFF00

 310300

 FFFFED

 120000

 000000

 E0902C

 E0902C

 E08616

 E09A42

 E07C00

 E0A459

 E0AE6F

 E0B886

 E0C29C

 E0CCB2

 E0D6C9

 E0E0DF

 E0EAF6

Harmonies

Analogous

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



FF7859



E0902C



AEA51B

Triad

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



E0902C



00BEB4



BD8AFD

Complementary

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



E0902C



2C7CE0

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.



46A2FF



E0902C



00BCEC

Square

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



E0902C



00BB77



00B3FF



F771CC

Rectangle

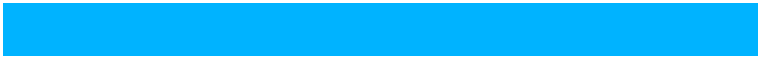
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0902C



85AF31



00B3FF



A092FF

Sweetspot

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



E0902C



FFE4C2



E02C7D



806F5B



000000



808080

Same Dimension

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



E0902C



FF920A



D7E02C



706B65



B06200



301B00

Inverse Universe

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



2C7CE0



0A77FF



352CE0



656A70



004EB0



001630

Previews

White Background



This preview shows how the Hex color E0902C 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 E0902C Background



This preview shows how black text looks on a background with the Hex color E0902C.



This preview shows how white text looks on a background with the Hex color E0902C.

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
E0902C

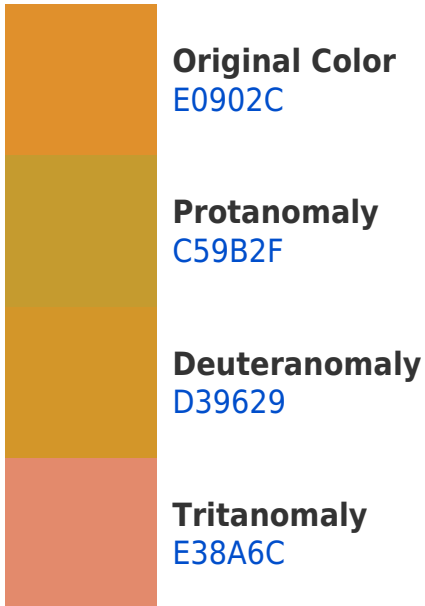
Protanopia
B6A231

Deuteranopia
CC9A28



Tritanopia
E58790

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0902C 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 #E0902C looks like.

```
.text, #text, p{  
    color:#E0902C  
}
```

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 #E0902C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0902C
}
```

Border

The CSS property to change the border of an element to Hex E0902C 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
#E0902C }
```

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

```
.border{ border-color:#E0902C }
```

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

Here you see how a box with a 4 pixel #E0902C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0902C; -webkit-box-shadow:4px 4px  
4px 4px #E0902C; box-shadow:4px 4px 4px  
4px #E0902C }
```

Background

The CSS property to change the background color of an element to Hex E0902C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0902C }
```

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

```
.background{ background-color:#E0902C }
```

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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