

# Converting Colors

Hex(EA1A0D)

Have a look what the booklet for  
Hex(EA1A0D) contains.

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**Color**

**Hex(EA1A0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA1A0D
RGB	234, 26, 13
RGB Percent	92%, 10%, 5%
CMY	0.0824, 0.8980, 0.9490
CMYK	0.00, 0.89, 0.94, 0.08
HSL	4°, 89%, 48%
HSV	4°, 94%, 92%
XYZ	34.3737, 18.2603, 2.0937
YIQ	86.7100, 128.1410, 40.0530

# Conversions

## Conversions Part 2

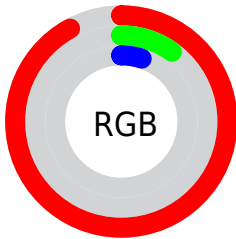
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">234, 27, 13</a>
Decimal	<a href="#">15342093</a>
CIELab	<a href="#">49.81, 72.57, 59.88</a>
CIElCh	<a href="#">50, 94.086, 39.531</a>
Yxy	<a href="#">18.2603, 0.6281, 0.3337</a>
Android (android.graphics.Color)	<a href="#">4293532173</a> ( <a href="#">0xFFEA1A0D</a> )
YUV	<a href="#">86.7100, -36.3390, 129.1733</a>
Hunter-Lab	<a href="#">42.7320, 68.8046, 27.0075</a>

# Details

The Hex color **EA1A0D** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **0DDDEA**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6341**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **EA0E00**, and if you desaturate by 10%, it is **EA3024**.

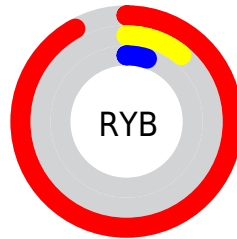
# Distribution



Red (92%)

Green (10%)

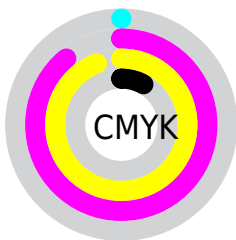
Blue (5%)



Red (92%)

Yellow (11%)

Blue (5%)

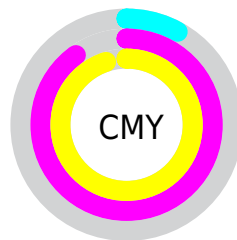


Cyan (0%)

Magenta (89%)

Yellow (94%)

Black (8%)



Cyan (8%)

Magenta (90%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA1A0D 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 EA1A0D by changing the saturation by 10% instead.



 EA1A0D

 EA1A0D

FFFFFFE

 C90000

 FF6341

 A80000

 FF815A

 870000

 FF9F73

 670001

 FFBC8E

 4A0004

 FFDA A9

 2A0001

 FFF8C4

 000000

 FFFFE1

 EA1A0D

 EA1A0D

EA0E00

EA3024

EA463C

EA5C53

EA726B

EA8882

EA9E99

EAB4B1

EACAC8

EAE0E0

# Harmonies

## Analogous

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



FC0061



EA1A0D



BC5D00

# Triad

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



EA1A0D



009339



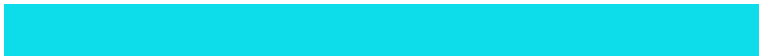
007AFF

# Complementary

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



EA1A0D



0DDDEA

# 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.



008FFF



EA1A0D



00968F

# Square

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



EA1A0D



008C00



0095DC



9150F4

# Rectangle

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



EA1A0D



927300



0095DC



0083FF



# Sweetspot

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



EA1A0D



FFBCB8



EA0DDF



805754



000000



808080



# Same Dimension

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



EA1A0D



FF0F00



EA870D



756A6A



B50B00

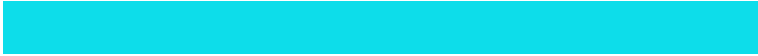


360300



# Inverse Universe

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



0DDDEA



00FOFF



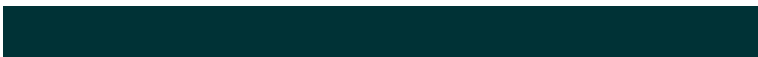
0D70EA



6A7575



00AAB5



003236



# Previews

## White Background



This preview shows how the Hex color EA1A0D looks on a white 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 × 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EA1A0D Background



This preview shows how black text looks on a background with the Hex color EA1A0D.



This preview shows how white text looks on a background with the Hex color EA1A0D.

# 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



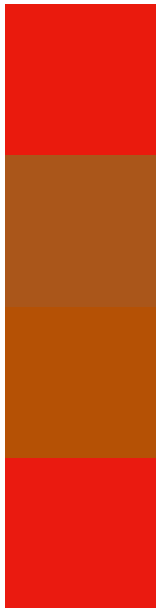
**Original Color**  
EA1A0D

**Protanopia**  
867822

**Deuteranopia**  
977100



# Trichromacy



**Original Color**  
EA1A0D

**Protanomaly**  
AA561A

**Deuteranomaly**  
B55105

**Tritanomaly**  
EA1A10

# Monochromacy



**Original Color**  
EA1A0D

**Achromatopsia**  
575757

**Achromatomaly**  
8C413C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA1A0D 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 #EA1A0D looks like.

```
.text, #text, p{  
    color:#EA1A0D  
}
```

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 #EA1A0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA1A0D
}
```

## Border

The CSS property to change the border of an element to Hex EA1A0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

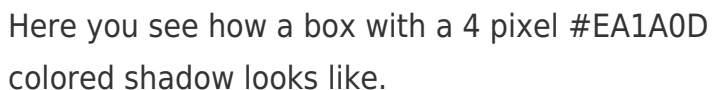
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA1A0D }
```

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

```
.border{ border-color:#EA1A0D }
```

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



Here you see how a box with a 4 pixel `#EA1A0D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA1A0D; -webkit-box-shadow:4px 4px  
4px 4px #EA1A0D; box-shadow:4px 4px 4px  
4px #EA1A0D }
```

# Background

The CSS property to change the background color of an element to Hex EA1A0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA1A0D }
```

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

```
.background{ background-color:#EA1A0D }
```

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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