

Converting Colors

Hex(EA0D2D)

Have a look what the booklet for
Hex(EA0D2D) contains.

Hex(EA0D2D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EA0D2D)

Conversions

Conversions Part 1

Format	Color
Hex	EA0D2D
RGB	234, 13, 45
RGB Percent	92%, 5%, 18%
CMY	0.0824, 0.9490, 0.8235
CMYK	0.00, 0.94, 0.81, 0.08
HSL	351°, 89%, 48%
HSV	351°, 94%, 92%
XYZ	34.5493, 17.9697, 4.1302
YIQ	82.7270, 121.4440, 56.8040

Conversions

Conversions Part 2

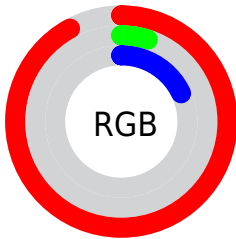
Format	Color
RYB	234, 13, 45
Decimal	15338797
CIELab	49.46, 74.68, 45.66
CIELCh	49, 87.537, 31.441
Yxy	17.9697, 0.6099, 0.3172
Android (android.graphics.Color)	4293528877 (0xFFEA0D2D)
YUV	82.7270, -18.5994, 132.6664
Hunter-Lab	42.3907, 71.2972, 23.8968

Details

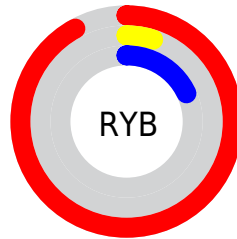
The Hex color **EA0D2D** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **0DEACA**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5F5C**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **EA0022**, and if you desaturate by 10%, it is **EA2441**.

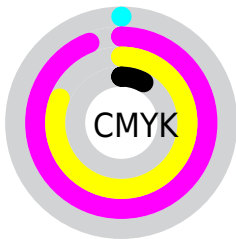
Distribution



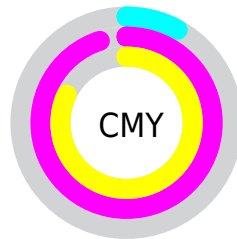
- Red (92%)
- Green (5%)
- Blue (18%)



- Red (92%)
- Yellow (5%)
- Blue (18%)



- Cyan (0%)
- Magenta (94%)
- Yellow (81%)
- Black (8%)



- Cyan (8%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA0D2D 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 EA0D2D by changing the saturation by 10% instead.

 EA0D2D

 EA0D2D

FFFFFF

 C90017

 FF5F5C

 A80000

 FF7E75

 880000

 FF9C8F

 680002

 FFBA09

 4B0004

 FFD8C5

 2A0001

 FFF6E1

 000000

 FFFFFD

 EA0D2D

 EA0D2D

EA0022

EA2441

EA3C55

EA5369

EA6B7D

EA8291

EA99A5

EAB1B9

EAC8CD

EAE0E1

Harmonies

Analogous

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



F10076



EA0D2D



C55300

Triad

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



EA0D2D



008F25



007FFF

Complementary

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



EA0D2D



0DEACA

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.



008FFA



EA0D2D



009377

Square

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



EA0D2D



3D8600



0093C2



6A5FF7

Rectangle

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



EA0D2D



A16B00



0093C2



0086FF

Sweetspot

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



EA0D2D



FFB8C2



C90DEA



80545A



000000



808080

Same Dimension

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



EA0D2D



FF0025



EA5A0D



756A6B



B5001A



360008

Inverse Universe

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



EA0D2D



FF0025



0D9DEA



756A6B



B5001A



360008

Previews

White Background



This preview shows how the Hex color EA0D2D looks on a white background.

Color Contrast Check

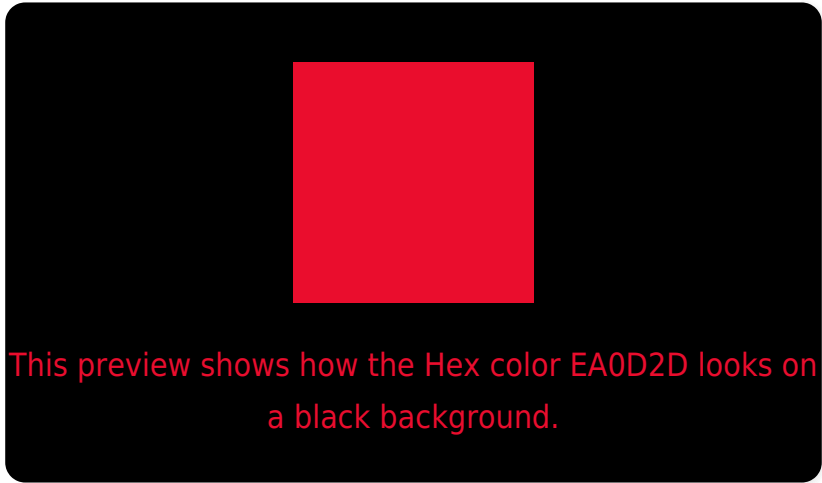
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA0D2D Background



This preview shows how black text looks on a background with the Hex color EA0D2D.



This preview shows how white text looks on a background with the Hex color EA0D2D.

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
EA0D2D

Protanopia
827746

Deuteranopia
96711A

Trichromacy



Original Color
EA0D2D



Protanomaly
A8503D



Deuteranomaly
B54D21



Tritanomaly
EA1317

Monochromacy



Original Color
EA0D2D



Achromatopsia
535353



Achromatomaly
8A3A45

CSS Examples

Text

The CSS property to change the color of the text to Hex EA0D2D 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 #EA0D2D looks like.

```
.text, #text, p{  
    color:#EA0D2D  
}
```

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 #EA0D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA0D2D
}
```

Border

The CSS property to change the border of an element to Hex EA0D2D 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".

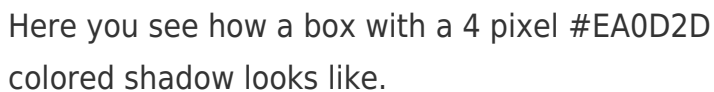
```
.border, #border, table{ border:4px solid
#EA0D2D }
```

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

```
.border{ border-color:#EA0D2D }
```

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

Here you see how a box with a 4 pixel #EA0D2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA0D2D; -webkit-box-shadow:4px 4px  
4px 4px #EA0D2D; box-shadow:4px 4px 4px  
4px #EA0D2D }
```

Background

The CSS property to change the background color of an element to Hex EA0D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA0D2D }
```

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

```
.background{ background-color:#EA0D2D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor