

Converting Colors

Hex(EA0D2A)

Have a look what the booklet for
Hex(EA0D2A) contains.

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Color

Hex(EA0D2A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EA0D2A |
| RGB | 234, 13, 42 |
| RGB Percent | 92%, 5%, 16% |
| CMY | 0.0824, 0.9490, 0.8353 |
| CMYK | 0.00, 0.94, 0.82, 0.08 |
| HSL | 352°, 89%, 48% |
| HSV | 352°, 94%, 92% |
| XYZ | 34.4935, 17.9474, 3.8367 |
| YIQ | 82.3850, 122.4070, 55.8710 |

Conversions

Conversions Part 2

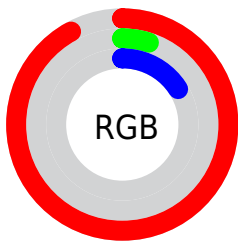
| Format | Color |
|-------------------------------------|---|
| RYB | 234, 13, 42 |
| Decimal | 15338794 |
| CIELab | 49.43, 74.61, 47.25 |
| CIELCh | 49, 88.310, 32.344 |
| Yxy | 17.9474, 0.6129, 0.3189 |
| Android (android.graphics.Color) | 4293528874 (0xFFEA0D2A) |
| YUV | 82.3850, -19.9098, 132.9664 |
| Hunter-Lab | 42.3644, 71.1987, 24.2856 |

Details

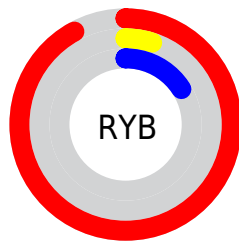
The Hex color **EA0D2A** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **0DEACD**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5F59**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **EA001F**, and if you desaturate by 10%, it is **EA243E**.

Distribution



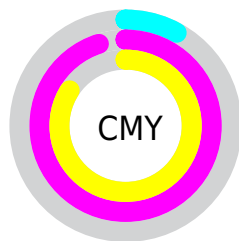
- Red (92%)
- Green (5%)
- Blue (16%)



- Red (92%)
- Yellow (5%)
- Blue (16%)



- Cyan (0%)
- Magenta (94%)
- Yellow (82%)
- Black (8%)



- Cyan (8%)
- Magenta (95%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA0D2A 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 EA0D2A by changing the saturation by 10% instead.

 EA0D2A

 EA0D2A

FFFFFF

 C90014

 FF5F59

 A80000

 FF7E72

 880000

 FF9C8B

 680002

 FFBA06

 4A0004

 FFD7C1

 2A0001

 FFF6DD

 000000

 FFFFFA

 EA0D2A

 EA0D2A

 EA001F

 EA243E

 EA3C53

 EA5367

 EA6B7B

 EA8290

 EA99A4

 EAB1B8

 EAC8CD

 EAE0E1

Harmonies

Analogous

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



F20073



EA0D2A



C45400

Triad

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



EA0D2A



008F27



007FFF

Complementary

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



EA0D2A



0DEACD

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.



008FFC



EA0D2A



00937A

Square

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



EA0D2A



388700



0094C5



6E5EF6

Rectangle

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



EA0D2A



9F6C00



0094C5



0086FF

Sweetspot

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



EA0D2A



FFB8C1



CD0DEA



80545A



000000



808080

Same Dimension

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



EA0D2A



FF0021



EA5E0D



756A6B



B50018



360007

Inverse Universe

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



EA0D2A



FF0021



0D99EA



756A6B



B50018



360007

Previews

White Background



This preview shows how the Hex color EA0D2A looks on a white background.

Color Contrast Check

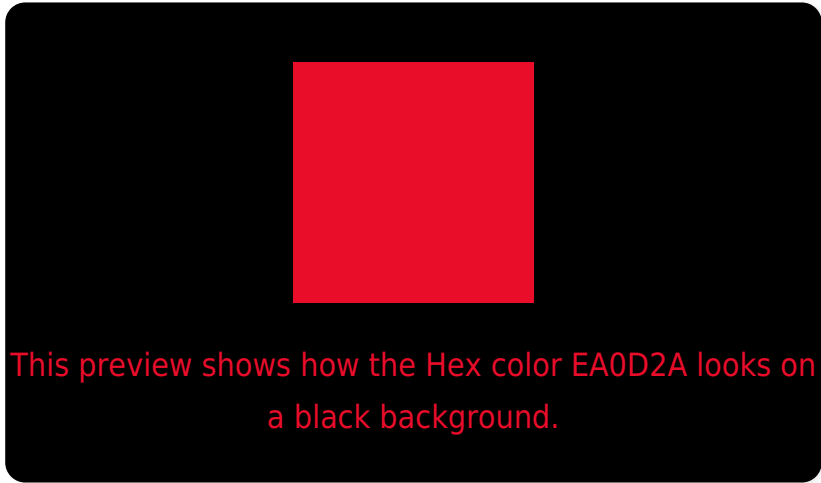
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA0D2A Background



This preview shows how black text looks on a background with the Hex color EA0D2A.



This preview shows how white text looks on a background with the Hex color EA0D2A.

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
EA0D2A

Protanopia
837742

Deuteranopia
967115



Tritanopia
EA1507

Trichromacy



Original Color
EA0D2A



Protanomaly
A85039



Deuteranomaly
B54D1D



Tritanomaly
EA1214

Monochromacy



Original Color
EA0D2A



Achromatopsia
525252



Achromatomaly
893943

CSS Examples

Text

The CSS property to change the color of the text to Hex EA0D2A 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 #EA0D2A looks like.

```
.text, #text, p{  
    color:#EA0D2A  
}
```

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 #EA0D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA0D2A
}
```

Border

The CSS property to change the border of an element to Hex EA0D2A 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".

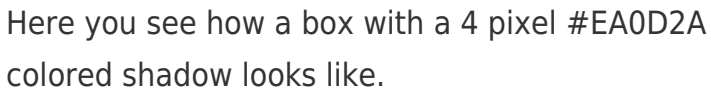
```
.border, #border, table{ border:4px solid
#EA0D2A }
```

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

```
.border{ border-color:#EA0D2A }
```

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

Here you see how a box with a 4 pixel #EA0D2A colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #EA0D2A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA0D2A; -webkit-box-shadow:4px 4px  
4px 4px #EA0D2A; box-shadow:4px 4px 4px  
4px #EA0D2A }
```

Background

The CSS property to change the background color of an element to Hex EA0D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA0D2A }
```

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

```
.background{ background-color:#EA0D2A }
```

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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