

# Converting Colors

Hex(EA3D16)

Have a look what the booklet for  
Hex(EA3D16) contains.

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# Color

Hex(EA3D16)

# Conversions

## Conversions Part 1

Format	Color
Hex	EA3D16
RGB	234, 61, 22
RGB Percent	92%, 24%, 9%
CMY	0.0824, 0.7608, 0.9137
CMYK	0.00, 0.74, 0.91, 0.08
HSL	11°, 83%, 50%
HSV	11°, 91%, 92%
XYZ	35.7452, 20.8878, 2.9068
YIQ	108.2810, 115.6270, 24.5470

# Conversions

## Conversions Part 2

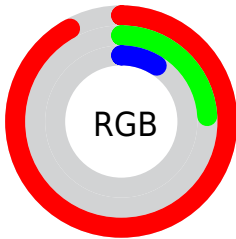
Format	Color
<a href="#">RYB</a>	<a href="#">234, 70, 22</a>
Decimal	<a href="#">15351062</a>
CIELab	<a href="#">52.83, 64.24, 58.89</a>
CIELCh	<a href="#">53, 87.151, 42.512</a>
Yxy	<a href="#">20.8878, 0.6004, 0.3508</a>
Android (android.graphics.Color)	<a href="#">4293541142</a> (0xFFEA3D16)
YUV	<a href="#">108.2810, -42.5365, 110.2556</a>
Hunter-Lab	<a href="#">45.7032, 59.6272, 28.2213</a>

# Details

The Hex color **EA3D16** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **16C3EA**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7849**, and **A90000** is the 20% darker color. If you saturate the color by 10%, you get **EA2B00**, and if you desaturate by 10%, it is **EA502D**.

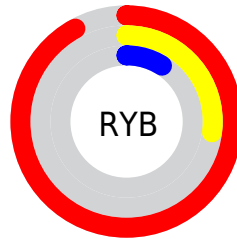
# Distribution



Red (92%)

Green (24%)

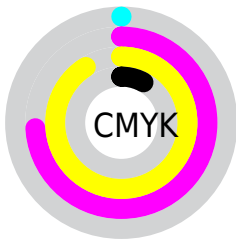
Blue (9%)



Red (92%)

Yellow (27%)

Blue (9%)

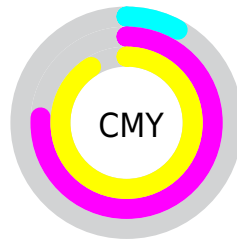


Cyan (0%)

Magenta (74%)

Yellow (91%)

Black (8%)



Cyan (8%)

Magenta (76%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA3D16 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 EA3D16 by changing the saturation by 10% instead.



 EA3D16

 EA3D16

FFFFFF

 C91700

 FF7849

 A90000

 FF9562

 890000

 FFB27C

 690000

 FFCF97

 4B0002

 FFECB2

 2D0001

 FFFFCE

 000000

 FFFFEB

 EA3D16

 EA3D16

EA2B00

EA502D

EA6345

EA765C

EA8974

EA9C8B

EAB0A2

EAC3BA

EAD6D1

EAE9E9

# Harmonies

## Analogous

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



FD0063



EA3D16



BC6A00

# Triad

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



EA3D16



009A4E



007EFF

# Complementary

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



EA3D16



16C3EA

# 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.



0093FF



EA3D16



009D9D

# Square

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



EA3D16



009300



009CE3



A457EE

# Rectangle

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



EA3D16



947E00



009CE3



0087FF



# Sweetspot

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



EA3D16



FFC7BA



EA16C3



805E57



000000



808080



# Same Dimension

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



EA3D16



FF2F00



EAA716



756C6A



B52100



360A00



# Inverse Universe

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



16C3EA



00D0FF



1659EA



6A7375



0094B5



002C36



# Previews

## White Background



This preview shows how the Hex color EA3D16 looks on a white background.

## Color Contrast Check

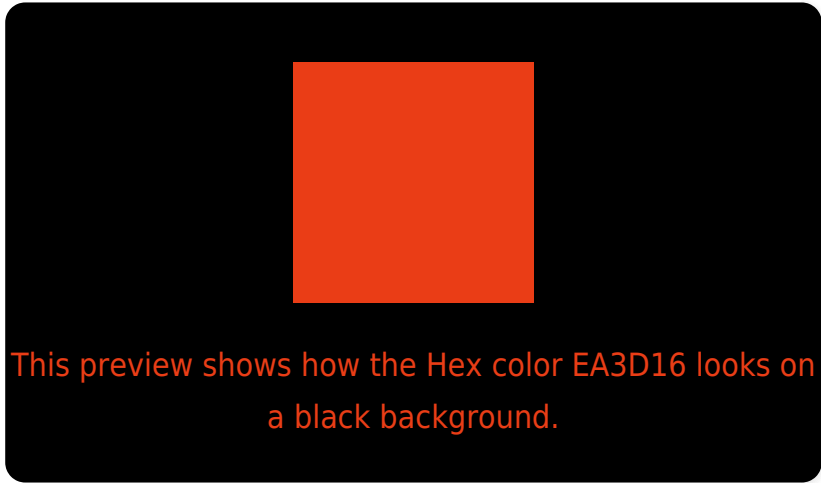
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex EA3D16 Background



This preview shows how black text looks on a background with the Hex color EA3D16.



This preview shows how white text looks on a background with the Hex color EA3D16.

# 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**  
EA3D16

**Protanopia**  
8E7F26

**Tritanopia**  
EB393B

# Trichromacy



**Original Color**  
EA3D16

**Protanomaly**  
AF6720

**Tritanomaly**  
EB3A2E

# Monochromacy



**Original Color**  
EA3D16

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
9A5B4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA3D16 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 #EA3D16 looks like.

```
.text, #text, p{  
    color:#EA3D16  
}
```

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 #EA3D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA3D16
}
```

## Border

The CSS property to change the border of an element to Hex EA3D16 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
#EA3D16 }
```

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

```
.border{ border-color:#EA3D16 }
```

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

Here you see how a box with a 4 pixel #EA3D16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA3D16; -webkit-box-shadow:4px 4px  
4px 4px #EA3D16; box-shadow:4px 4px 4px  
4px #EA3D16 }
```

# Background

The CSS property to change the background color of an element to Hex EA3D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA3D16 }
```

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

```
.background{ background-color:#EA3D16 }
```

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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