

# Converting Colors

Hex(EA4646)

Have a look what the booklet for  
Hex(EA4646) contains.

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**Color**

**Hex(EA4646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA4646
RGB	234, 70, 70
RGB Percent	92%, 27%, 27%
CMY	0.0824, 0.7255, 0.7255
CMYK	0.00, 0.70, 0.70, 0.08
HSL	0°, 80%, 60%
HSV	0°, 70%, 92%
XYZ	37.2273, 22.3149, 8.1395
YIQ	119.0360, 97.7440, 34.7680

# Conversions

## Conversions Part 2

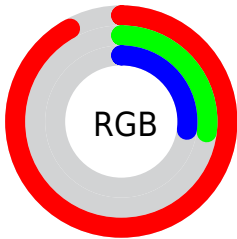
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 70, 70
Decimal	15353414
CIE Lab	54.36, 62.55, 37.06
CIE LCh	54, 72.708, 30.643
Yxy	22.3149, 0.5500, 0.3297
Android (android.graphics.Color)	4293543494 (0xFFEA4646)
YUV	119.0360, -24.1747, 100.8234
Hunter-Lab	47.2387, 58.0026, 22.8511

# Details

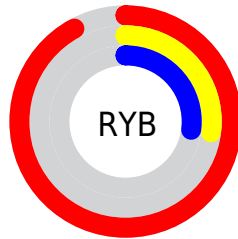
The Hex color **EA4646** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **46EAEA**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8077**, and **AA001A** is the 20% darker color. If you saturate the color by 10%, you get **EA2F2F**, and if you desaturate by 10%, it is **EA5D5D**.

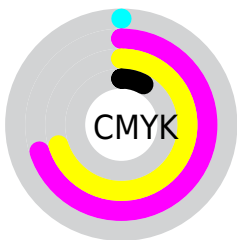
# Distribution



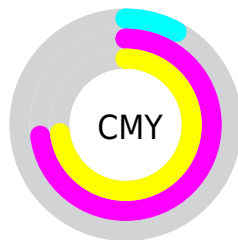
- Red (92%)
- Green (27%)
- Blue (27%)



- Red (92%)
- Yellow (27%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (8%)



- Cyan (8%)
- Magenta (73%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA4646 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 EA4646 by changing the saturation by 10% instead.



 EA4646

 EA4646

FFFFFF

 CA252F

 FF8077

 AA001A

 FF9C90

 8B0002

 FFB9AB

 6C0000

 FFD6C6

 4E0001

 FFF4E3

 310002

 000000

 EA4646

 EA4646

 EA2F2F

 EA5D5D

 EA1717

 EA7575

 EA0000

 EA8C8C

 EAA4A4

 EABBBB

 EAD2D2

 EAEAEA

 EAFFFF

# Harmonies

## Analogous

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



ED3683



EA4646



CC6600

# Triad

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



EA4646



009940



008AFF

# Complementary

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



EA4646



46EAEA

# 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.



0098F0



EA4646



009D82

# Square

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



EA4646



5C9000



009DC1



7D70EF

# Rectangle

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



EA4646



AD7800



009DC1



0090FF



# Sweetspot

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



EA4646



FFC9C9



EA46EA



806060



000000



808080



# Same Dimension

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



EA4646



FF2929



EA9846



756A6A



B50000



360000



# Inverse Universe

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



46EAEA



29FFFF



4698EA



6A7575



00B5B5



003636



# Previews

## White Background



This preview shows how the Hex color EA4646 looks on a white background.

## Color Contrast Check

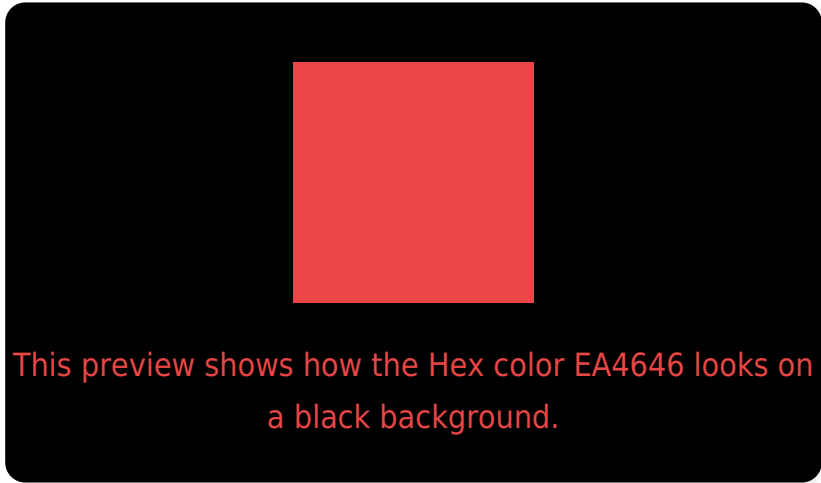
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA4646 Background



This preview shows how black text looks on a background with the Hex color EA4646.



This preview shows how white text looks on a background with the Hex color EA4646.

# 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**  
EA4646

**Protanopia**  
8D825C

**Deuteranopia**  
A17C3C



# Trichromacy



**Original Color**  
EA4646

**Protanomaly**  
AF6C54

**Deuteranomaly**  
BC6840

**Tritanomaly**  
EA4648

# Monochromacy



**Original Color**  
EA4646

**Achromatopsia**  
777777

**Achromatomaly**  
A16565

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA4646 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 #EA4646 looks like.

```
.text, #text, p{  
    color:#EA4646  
}
```

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 #EA4646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA4646
}
```

## Border

The CSS property to change the border of an element to Hex EA4646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

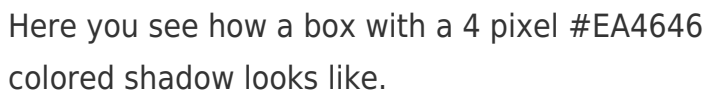
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA4646 }
```

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

```
.border{ border-color:#EA4646 }
```

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



Here you see how a box with a 4 pixel #EA4646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA4646; -webkit-box-shadow:4px 4px  
4px 4px #EA4646; box-shadow:4px 4px 4px  
4px #EA4646 }
```

# Background

The CSS property to change the background color of an element to Hex EA4646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA4646 }
```

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

```
.background{ background-color:#EA4646 }
```

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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