

# Converting Colors

Hex(EA111F)

Have a look what the booklet for  
Hex(EA111F) contains.

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# Color

**Hex(EA111F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA111F
RGB	234, 17, 31
RGB Percent	92%, 7%, 12%
CMY	0.0824, 0.9333, 0.8784
CMYK	0.00, 0.93, 0.87, 0.08
HSL	356°, 86%, 49%
HSV	356°, 93%, 92%
XYZ	34.3795, 17.9923, 2.9572
YIQ	83.4790, 124.8380, 50.3580

# Conversions

## Conversions Part 2

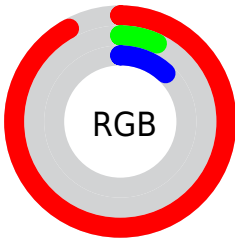
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 17, 31
Decimal	15339807
CIE <sub>Lab</sub>	49.49, 73.98, 52.79
CIE <sub>LCh</sub>	49, 90.885, 35.510
Yxy	17.9923, 0.6214, 0.3252
Android (android.graphics.Color)	4293529887 (0xFFEA111F)
YUV	83.4790, -25.8721, 132.0069
Hunter-Lab	42.4173, 70.4451, 25.5586

# Details

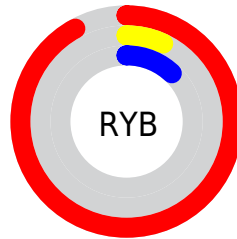
The Hex color **EA111F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **11EADC**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF604E**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **EA000F**, and if you desaturate by 10%, it is **EA2835**.

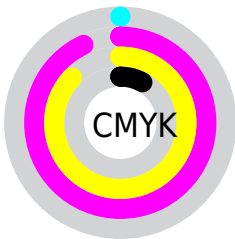
# Distribution



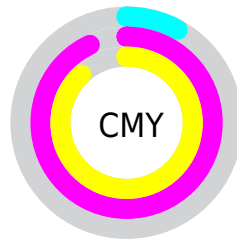
- Red (92%)
- Green (7%)
- Blue (12%)



- Red (92%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (93%)
- Yellow (87%)
- Black (8%)



- Cyan (8%)
- Magenta (93%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA111F 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 EA111F by changing the saturation by 10% instead.



 EA111F

 EA111F

FFFFFF

 C90007

 FF604E

 A80000

 FF7F67

 870000

 FF9C81

 670002

 FFBA9B

 4A0004

 FFD8B6

 2A0001

 FFF6D2

 000000

 FFFFEF

 EA111F

 EA111F

 EA000F

 EA2835

 EA404B

 EA5761

 EA6F77

 EA868C

 EA9DA2

 EAB5B8

 EACCCE

 EAE4E4

# Harmonies

## Analogous

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



F6006B



EA111F



C05700

# Triad

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



EA111F



00912F



007DFF

# Complementary

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



EA111F



11EADC

# 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.



008EFF



EA111F



009483

# Square

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



EA111F



248900



0094CF



7E58F6

# Rectangle

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



EA111F



996F00



0094CF



0084FF



# Sweetspot

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



EA111F



FFB8BC



DC11EA



805457



000000



808080



# Same Dimension

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



EA111F



FF0010



EA6F11



756A6A



B5000C



360003



# Inverse Universe

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



EA111F



FF0010



118CEA



756A6A



B5000C



360003



# Previews

## White Background



This preview shows how the Hex color EA111F looks on a white background.

## Color Contrast Check

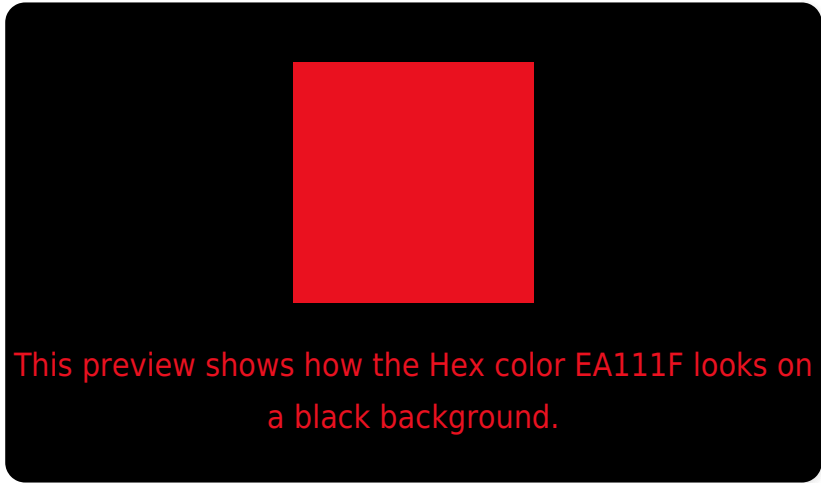
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA111F Background



This preview shows how black text looks on a background with the Hex color EA111F.



This preview shows how white text looks on a background with the Hex color EA111F.

# 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



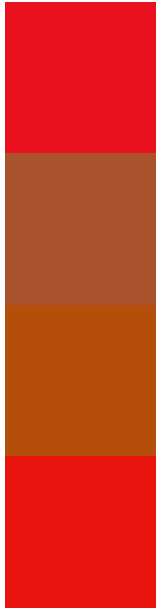
**Original Color**  
EA111F

**Protanopia**  
847734

**Deuteranopia**  
967100



# Trichromacy



**Original Color**  
EA111F

**Protanomaly**  
A9522C

**Deuteranomaly**  
B54E0B

**Tritanomaly**  
EA140E

# Monochromacy



**Original Color**  
EA111F

**Achromatopsia**  
535353

**Achromatomaly**  
8A3B40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA111F 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 #EA111F looks like.

```
.text, #text, p{  
    color:#EA111F  
}
```

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 #EA111F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA111F
}
```

## Border

The CSS property to change the border of an element to Hex EA111F is called "border". The border property can be set on classes, ids or directly on the HTML element.

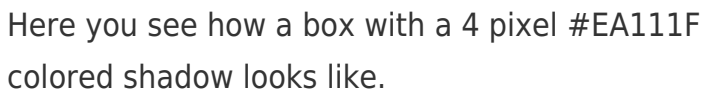
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA111F }
```

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

```
.border{ border-color:#EA111F }
```

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



Here you see how a box with a 4 pixel #EA111F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA111F; -webkit-box-shadow:4px 4px  
4px 4px #EA111F; box-shadow:4px 4px 4px  
4px #EA111F }
```

# Background

The CSS property to change the background color of an element to Hex EA111F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA111F }
```

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

```
.background{ background-color:#EA111F }
```

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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