

# Converting Colors

Hex(E8172F)

Have a look what the booklet for  
Hex(E8172F) contains.

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**Color**

**Hex(E8172F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8172F
RGB	232, 23, 47
RGB Percent	91%, 9%, 18%
CMY	0.0902, 0.9098, 0.8157
CMYK	0.00, 0.90, 0.80, 0.09
HSL	353°, 82%, 50%
HSV	353°, 90%, 91%
XYZ	34.0982, 17.9738, 4.3614
YIQ	88.2270, 116.8600, 51.7720

# Conversions

## Conversions Part 2

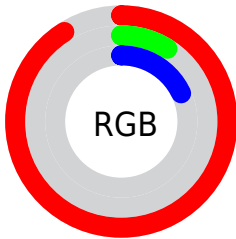
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 23, 47
Decimal	15210287
CIE <sub>Lab</sub>	49.46, 73.10, 44.44
CIE <sub>LCh</sub>	49, 85.551, 31.295
Yxy	17.9738, 0.6042, 0.3185
Android (android.graphics.Color)	4293400367 (0xFFE8172F)
YUV	88.2270, -20.3249, 126.0889
Hunter-Lab	42.3956, 69.3730, 23.5774

# Details

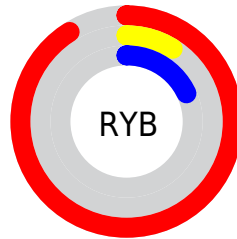
The Hex color **E8172F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **17E8D0**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF625E**, and **A70002** is the 20% darker color. If you saturate the color by 10%, you get **E8001B**, and if you desaturate by 10%, it is **E82E44**.

# Distribution



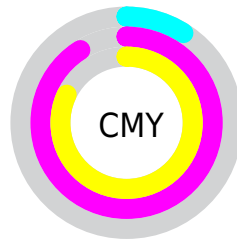
- Red (91%)
- Green (9%)
- Blue (18%)



- Red (91%)
- Yellow (9%)
- Blue (18%)



- Cyan (0%)
- Magenta (90%)
- Yellow (80%)
- Black (9%)



- Cyan (9%)
- Magenta (91%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8172F 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 E8172F by changing the saturation by 10% instead.



 E8172F

 E8172F

FFFFFF

 C70019

 FF625E

 A70002

 FF8077

 870000

 FF9E91

 670001

 FFBCAB

 490004

 FFDAC7

 290001

 FFF8E3

 000000

 E8172F

 E8172F

 E8001B

 E82E44

 E84558

 E85D6D

 E87481

 E88B96

 E8A2AA

 E8B9BF

 E8D1D3

 E8E8E8

# Harmonies

## Analogous

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



EE0076



E8172F



C45400

# Triad

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



E8172F



008F27



007FFF

# Complementary

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



E8172F



17E8D0

# 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.



008EF6



E8172F



009377

# Square

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



E8172F



408600



0093C0



6B60F4

# Rectangle

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



E8172F



A16B00



0093C0



0086FF



# Sweetspot

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



E8172F



FFBAC2



D017E8



80575B



000000



808080



# Same Dimension

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



E8172F



FF001D



E86717



736769



B30014



330006



# Inverse Universe

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



E8172F



FF001D



1798E8



736769



B30014



330006



# Previews

## White Background



This preview shows how the Hex color E8172F looks on a white background.

## Color Contrast Check

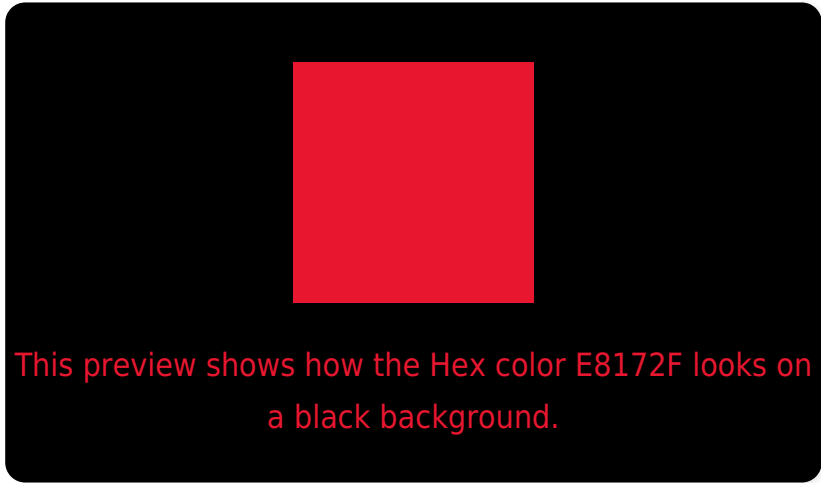
Large Text (above 18pt) WCAG AA ✓ Pass

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 E8172F Background



This preview shows how black text looks on a background with the Hex color E8172F.



This preview shows how white text looks on a background with the Hex color E8172F.

# 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**  
E8172F

**Protanopia**  
827748

**Deuteranopia**  
95711E



**Tritanopia**  
E81C17

# Trichromacy



**Original Color**  
E8172F

**Protanomaly**  
A7543F

**Deuteranomaly**  
B35024

**Tritanomaly**  
E81A20

# Monochromacy



**Original Color**  
E8172F

**Achromatopsia**  
585858

**Achromatomaly**  
8C4049

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8172F 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 #E8172F looks like.

```
.text, #text, p{  
  color:#E8172F  
}
```

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 #E8172F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8172F
}
```

## Border

The CSS property to change the border of an element to Hex E8172F is called "border". The border property can be set on classes, ids or directly on the HTML element.

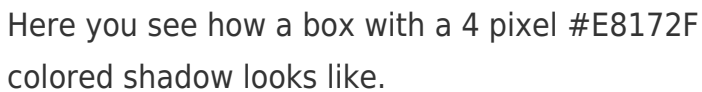
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8172F }
```

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

```
.border{ border-color:#E8172F }
```

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



Here you see how a box with a 4 pixel #E8172F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8172F; -webkit-box-shadow:4px 4px  
4px 4px #E8172F; box-shadow:4px 4px 4px  
4px #E8172F }
```

# Background

The CSS property to change the background color of an element to Hex E8172F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8172F }
```

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

```
.background{ background-color:#E8172F }
```

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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