

# Converting Colors

Hex(E3112F)

Have a look what the booklet for  
Hex(E3112F) contains.

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# Color

**Hex(E3112F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3112F
RGB	227, 17, 47
RGB Percent	89%, 7%, 18%
CMY	0.1098, 0.9333, 0.8157
CMYK	0.00, 0.93, 0.79, 0.11
HSL	351°, 86%, 48%
HSV	351°, 93%, 89%
XYZ	32.3921, 16.9370, 4.2512
YIQ	83.2100, 115.5300, 53.8500

# Conversions

## Conversions Part 2

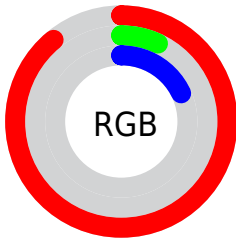
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 17, 47
Decimal	14881071
CIE <sub>Lab</sub>	48.18, 72.61, 42.81
CIE <sub>LCh</sub>	48, 84.289, 30.521
Yxy	16.9370, 0.6046, 0.3161
Android (android.graphics.Color)	4293071151 (0xFFE3112F)
YUV	83.2100, -17.8515, 126.1038
Hunter-Lab	41.1546, 68.4737, 22.6836

# Details

The Hex color **E3112F** 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 **11E3C5**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5F5E**, and **A20002** is the 20% darker color. If you saturate the color by 10%, you get **E30020**, and if you desaturate by 10%, it is **E32842**.

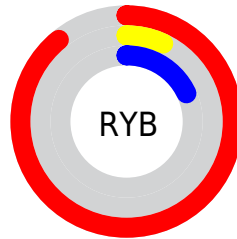
# Distribution



Red (89%)

Green (7%)

Blue (18%)



Red (89%)

Yellow (7%)

Blue (18%)

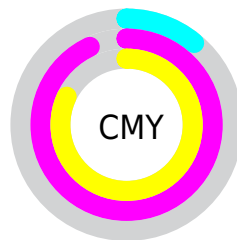


Cyan (0%)

Magenta (93%)

Yellow (79%)

Black (11%)



Cyan (11%)

Magenta (93%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3112F 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 E3112F by changing the saturation by 10% instead.



 E3112F

 E3112F

FFFFFF

 C20019

 FF5F5E

 A20002

 FF7D77

 820000

 FF9B90

 620002

 FFB9AB

 450003

 FFD6C7

 230001

 FFF4E3

 000000

 E3112F

 E3112F

 E30020

 E32842

 E33E56

 E35569

 E36C7D

 E38390

 E399A4

 E3B0B7

 E3C7CB

 E3DDDE

# Harmonies

## Analogous

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



E80075



E3112F



C05000

# Triad

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



E3112F



008B23



007CFF

# Complementary

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



E3112F



11E3C5

# 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.



008BF0



E3112F



008F72

# Square

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



E3112F



408200



008FBA



635EEF

# Rectangle

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



E3112F



9E6800



008FBA



0083FF



# Sweetspot

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



E3112F



FFB8C2



C311E3



80545A



000000



808080



# Same Dimension

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



E3112F



FF0024



E35A11



736769



B30019



330007



# Inverse Universe

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



E3112F



FF0024



1199E3



736769



B30019



330007



# Previews

## White Background



This preview shows how the Hex color E3112F looks on a white background.

## Color Contrast Check

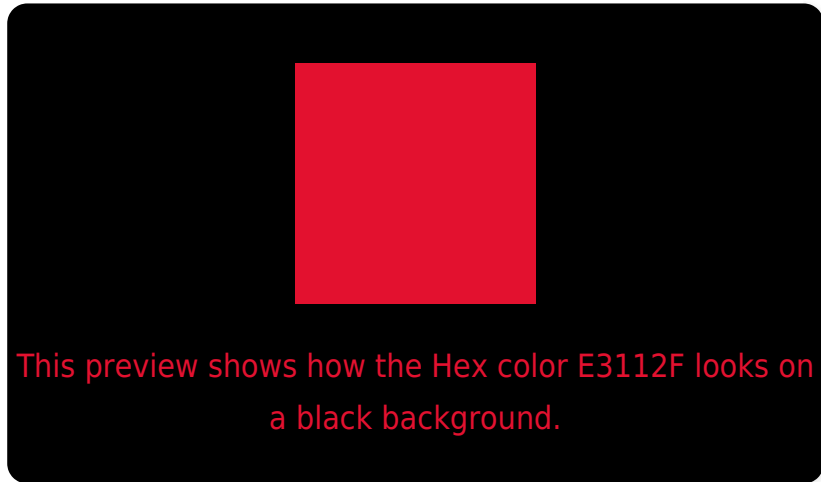
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex E3112F Background



This preview shows how black text looks on a background with the Hex color E3112F.



This preview shows how white text looks on a background with the Hex color E3112F.

# 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**  
E3112F

**Protanopia**  
7E7448

**Deuteranopia**  
916E1F



**Tritanopia**  
E31911

# Trichromacy



**Original Color**  
E3112F

**Protanomaly**  
A3503F

**Deuteranomaly**  
AF4C25

**Tritanomaly**  
E3161C

# Monochromacy



**Original Color**  
E3112F

**Achromatopsia**  
535353

**Achromatomaly**  
873B46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3112F 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 #E3112F looks like.

```
.text, #text, p{  
    color:#E3112F  
}
```

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 #E3112F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3112F
}
```

## Border

The CSS property to change the border of an element to Hex E3112F is called "border". The border property can be set on classes, ids or directly on the HTML element.

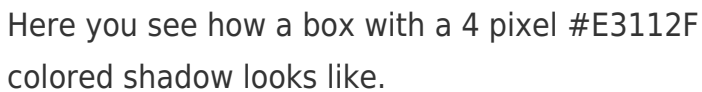
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E3112F }
```

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

```
.border{ border-color:#E3112F }
```

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



Here you see how a box with a 4 pixel `#E3112F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3112F; -webkit-box-shadow:4px 4px  
4px 4px #E3112F; box-shadow:4px 4px 4px  
4px #E3112F }
```

# Background

The CSS property to change the background color of an element to Hex E3112F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3112F }
```

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

```
.background{ background-color:#E3112F }
```

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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