

# Converting Colors

Hex(E7163E)

Have a look what the booklet for  
Hex(E7163E) contains.

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**Color**

**Hex(E7163E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7163E
RGB	231, 22, 62
RGB Percent	91%, 9%, 24%
CMY	0.0941, 0.9137, 0.7569
CMYK	0.00, 0.90, 0.73, 0.09
HSL	349°, 83%, 50%
HSV	349°, 90%, 91%
XYZ	34.1114, 17.9105, 6.2166
YIQ	89.0510, 111.7240, 56.7480

# Conversions

## Conversions Part 2

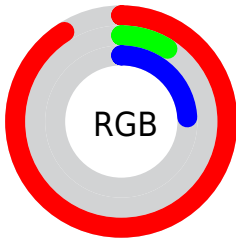
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 22, 62
Decimal	15144510
CIE Lab	49.39, 73.48, 35.72
CIE LCh	49, 81.705, 25.928
Yxy	17.9105, 0.5857, 0.3075
Android (android.graphics.Color)	4293334590 (0xFFE7163E)
YUV	89.0510, -13.3361, 124.4893
Hunter-Lab	42.3209, 69.8129, 20.9153

# Details

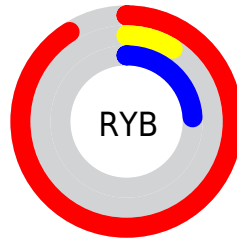
The Hex color **E7163E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **16E7BF**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF626E**, and **A60014** is the 20% darker color. If you saturate the color by 10%, you get **E7002C**, and if you desaturate by 10%, it is **E72D51**.

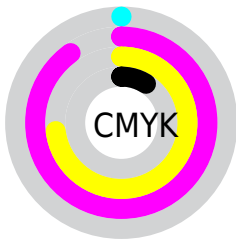
# Distribution



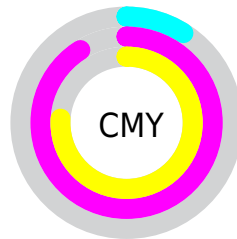
- Red (91%)
- Green (9%)
- Blue (24%)



- Red (91%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (90%)
- Yellow (73%)
- Black (9%)



- Cyan (9%)
- Magenta (91%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7163E 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 E7163E by changing the saturation by 10% instead.



 E7163E

 E7163E

FFFFFF

 C70028

 FF626E

 A60014

 FF8087

 870000

 FF9EA1

 670001

 FFBCBC

 490004

 FFD9D8

 290001

 FFF8F4

 000000

 E7163E

 E7163E

 E7002C

 E72D51

 E74463

 E75B76

 E77289

 E7899B

 E7A1AE

 E7B8C1

 E7CFD3

 E7E6E6

# Harmonies

## Analogous

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



E60082



E7163E



C94F00

# Triad

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



E7163E



008D1B



0082FF

# Complementary

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



E7163E



16E7BF

# 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.



008EE9



E7163E



00916A

# Square

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



E7163E



548300



0092B1



4E67F4

# Rectangle

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



E7163E



A96600



0092B1



0087FE



# Sweetspot

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



E7163E



FFBAC7



BD16E7



80575F



000000



808080



# Same Dimension

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



E7163E



FF0031



E75516



736769



B30022



33000A



# Inverse Universe

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



E7163E



FF0031



16A8E7



736769



B30022



33000A



# Previews

## White Background



This preview shows how the Hex color E7163E 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 E7163E Background



This preview shows how black text looks on a background with the Hex color E7163E.



This preview shows how white text looks on a background with the Hex color E7163E.

# 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**  
E7163E

**Protanopia**  
7E765C

**Deuteranopia**  
937132



**Tritanopia**  
E6201C

# Trichromacy



**Original Color**  
E7163E

**Protanomaly**  
A45351

**Deuteranomaly**  
B25036

**Tritanomaly**  
E61C28

# Monochromacy



**Original Color**  
E7163E

**Achromatopsia**  
595959

**Achromatomaly**  
8D414F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7163E 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 #E7163E looks like.

```
.text, #text, p{  
  color:#E7163E  
}
```

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 #E7163E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7163E
}
```

## Border

The CSS property to change the border of an element to Hex E7163E is called "border". The border property can be set on classes, ids or directly on the HTML element.

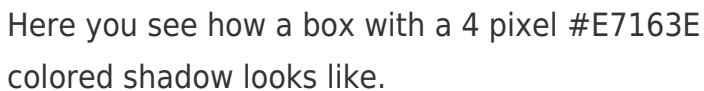
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E7163E }
```

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

```
.border{ border-color:#E7163E }
```

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



Here you see how a box with a 4 pixel #E7163E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7163E; -webkit-box-shadow:4px 4px  
4px 4px #E7163E; box-shadow:4px 4px 4px  
4px #E7163E }
```

# Background

The CSS property to change the background color of an element to Hex E7163E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7163E }
```

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

```
.background{ background-color:#E7163E }
```

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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