

# Converting Colors

Hex(E7182B)

Have a look what the booklet for  
Hex(E7182B) contains.

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**Color**

**Hex(E7182B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7182B
RGB	231, 24, 43
RGB Percent	91%, 9%, 17%
CMY	0.0941, 0.9059, 0.8314
CMYK	0.00, 0.90, 0.81, 0.09
HSL	354°, 81%, 50%
HSV	354°, 90%, 91%
XYZ	33.7177, 17.8166, 3.9473
YIQ	88.0590, 117.2730, 49.7930

# Conversions

## Conversions Part 2

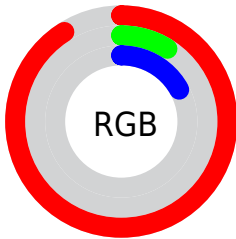
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 24, 43
Decimal	15145003
CIE Lab	49.27, 72.60, 46.35
CIE LCh	49, 86.134, 32.553
Yxy	17.8166, 0.6077, 0.3211
Android (android.graphics.Color)	4293335083 (0xFFE7182B)
YUV	88.0590, -22.2141, 125.3593
Hunter-Lab	42.2097, 68.7211, 24.0022

# Details

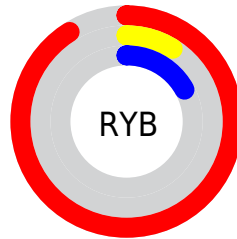
The Hex color **E7182B** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **18E7D4**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF625A**, and **A60000** is the 20% darker color. If you saturate the color by 10%, you get **E70116**, and if you desaturate by 10%, it is **E72F40**.

# Distribution



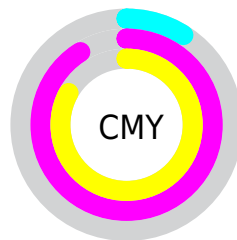
- Red (91%)
- Green (9%)
- Blue (17%)



- Red (91%)
- Yellow (9%)
- Blue (17%)



- Cyan (0%)
- Magenta (90%)
- Yellow (81%)
- Black (9%)



- Cyan (9%)
- Magenta (91%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7182B 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 E7182B by changing the saturation by 10% instead.



 E7182B

 E7182B

FFFFFF

 C60015

 FF625A

 A60000

 FF8073

 850000

 FF9E8D

 660001

 FFBCA7

 480004

 FFD9C3

 280001

 FFF8DF

 000000

 FFFFFB

 E7182B

 E7182B

 E70116

 E72F40

 E70015

 E74655

 E75D6A

 E7747F

 E78C94

 E7A3A9

 E7BABE

 E7D1D3

 E7E8E8

# Harmonies

## Analogous

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



EF0072



E7182B



C25500

# Triad

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



E7182B



008F2A



007EFF

# Complementary

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



E7182B



18E7D4

# 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.



008DF8



E7182B



00927A

# Square

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



E7182B



3A8600



0093C3



705EF2

# Rectangle

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



E7182B



9E6C00



0093C3



0085FF



# Sweetspot

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



E7182B



FFBAC0



D218E7



80575A



000000



808080



# Same Dimension

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



E7182B



FF0017



E76B18



736768



B30010



330005



# Inverse Universe

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



E7182B



FF0017



1894E7



736768



B30010



330005



# Previews

## White Background



This preview shows how the Hex color E7182B looks on a white background.

## Color Contrast Check

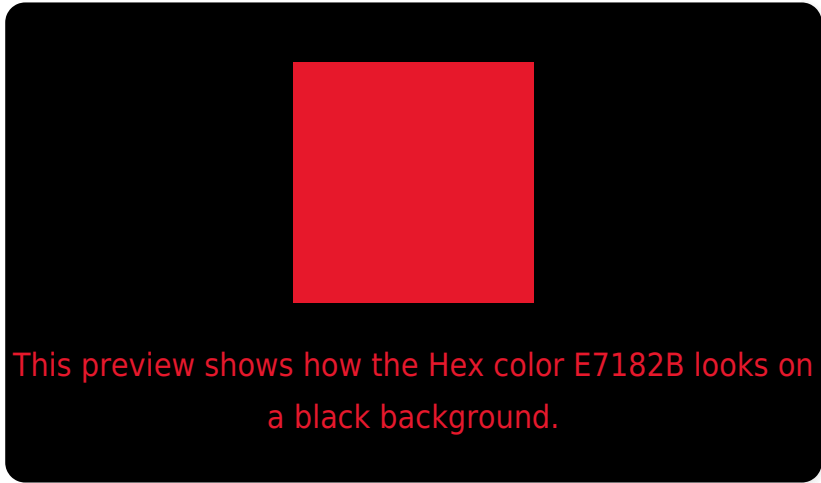
Large Text (above 18pt) WCAG AA ✓ Pass

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 E7182B Background



This preview shows how black text looks on a background with the Hex color E7182B.



This preview shows how white text looks on a background with the Hex color E7182B.

# 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**  
E7182B

**Protanopia**  
827642

**Deuteranopia**  
957018



**Tritanopia**  
E71C17

# Trichromacy



**Original Color**  
E7182B

**Protanomaly**  
A7543A

**Deuteranomaly**  
B3501F

**Tritanomaly**  
E71B1E

# Monochromacy



**Original Color**  
E7182B

**Achromatopsia**  
585858

**Achromatomaly**  
8C4148

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7182B 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 #E7182B looks like.

```
.text, #text, p{  
    color:#E7182B  
}
```

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 #E7182B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7182B
}
```

## Border

The CSS property to change the border of an element to Hex E7182B is called "border". The border property can be set on classes, ids or directly on the HTML element.

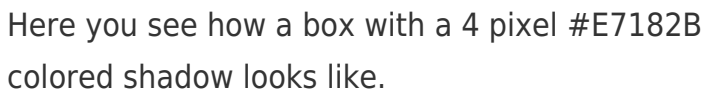
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E7182B }
```

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

```
.border{ border-color:#E7182B }
```

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



Here you see how a box with a 4 pixel #E7182B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7182B; -webkit-box-shadow:4px 4px  
4px 4px #E7182B; box-shadow:4px 4px 4px  
4px #E7182B }
```

# Background

The CSS property to change the background color of an element to Hex E7182B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7182B }
```

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

```
.background{ background-color:#E7182B }
```

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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