

# Converting Colors

Hex(EB142D)

Have a look what the booklet for  
Hex(EB142D) contains.

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# Color

**Hex(EB142D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB142D
RGB	235, 20, 45
RGB Percent	92%, 8%, 18%
CMY	0.0784, 0.9216, 0.8235
CMYK	0.00, 0.91, 0.81, 0.08
HSL	353°, 84%, 50%
HSV	353°, 91%, 92%
XYZ	34.9848, 18.3519, 4.1810
YIQ	87.1350, 120.1150, 53.3550

# Conversions

## Conversions Part 2

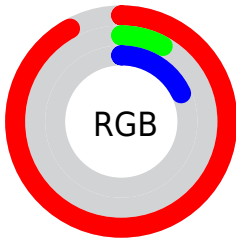
Format	Color
R <sub>Y</sub> B	235, 20, 45
Decimal	15406125
CIE Lab	49.92, 74.19, 46.18
CIE LCh	50, 87.390, 31.901
Yxy	18.3519, 0.6082, 0.3191
Android (android.graphics.Color)	4293596205 (0xFFEB142D)
YUV	87.1350, -20.7726, 129.6776
Hunter-Lab	42.8392, 70.8041, 24.2009

# Details

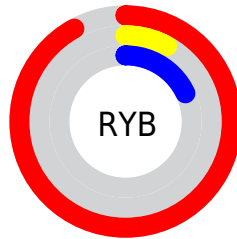
The Hex color **EB142D** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **14EBD2**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF625C**, and **A90000** is the 20% darker color. If you saturate the color by 10%, you get **EB001B**, and if you desaturate by 10%, it is **EB2C42**.

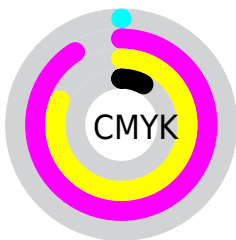
# Distribution



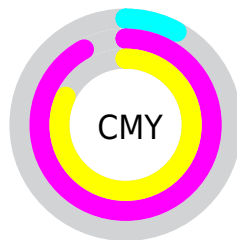
- Red (92%)
- Green (8%)
- Blue (18%)



- Red (92%)
- Yellow (8%)
- Blue (18%)



- Cyan (0%)
- Magenta (91%)
- Yellow (81%)
- Black (8%)



- Cyan (8%)
- Magenta (92%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB142D 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 EB142D by changing the saturation by 10% instead.



 EB142D

 EB142D

FFFFFF

 CA0017

 FF625C

 A90000

 FF8075

 890000

 FF9E8F

 690001

 FFBCA9

 4C0004

 FFDAC5

 2B0001

 FFF8E1

 000000

FFFFFFE

 EB142D

 EB142D

 EB001B

 EB2C42

 EB4357

 EB5B6B

 EB7280

 EB8A95

 EBA1AA

 EBB9BE

 EBD0D3

 EBE8E8

# Harmonies

## Analogous

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



F20076



EB142D



C65500

# Triad

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



EB142D



009028



0080FF

# Complementary

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



EB142D



14EBD2

# 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.



0090FB



EB142D



00947A

# Square

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



EB142D



3C8800



0095C4



6E60F7

# Rectangle

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



EB142D



A26D00



0095C4



0087FF



# Sweetspot

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



EB142D



FFBAC2



D214EB



80575B



000000



808080



# Same Dimension

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



EB142D



FF001E



EB6614



756A6B



B50015



360006



# Inverse Universe

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



EB142D



FF001E



1499EB



756A6B



B50015



360006



# Previews

## White Background



This preview shows how the Hex color EB142D looks on a white background.

## Color Contrast Check

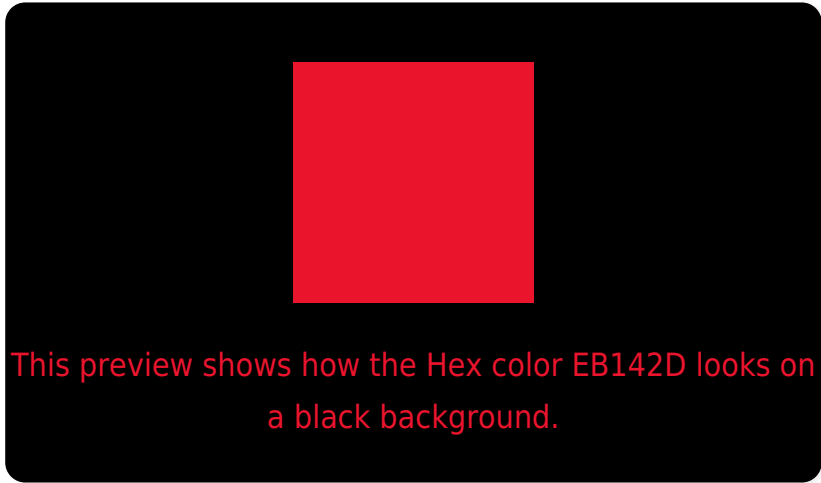
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB142D Background



This preview shows how black text looks on a background with the Hex color EB142D.



This preview shows how white text looks on a background with the Hex color EB142D.

# 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**  
EB142D

**Protanopia**  
837845

**Deuteranopia**  
97721A



**Tritanopia**  
EB1A13

# Trichromacy



**Original Color**  
EB142D

**Protanomaly**  
A9543C

**Deuteranomaly**  
B65021

**Tritanomaly**  
EB181C

# Monochromacy



**Original Color**  
EB142D

**Achromatopsia**  
575757

**Achromatomaly**  
8D3F48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB142D 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 #EB142D looks like.

```
.text, #text, p{  
    color:#EB142D  
}
```

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 #EB142D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB142D
}
```

## Border

The CSS property to change the border of an element to Hex EB142D 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
#EB142D }
```

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

```
.border{ border-color:#EB142D }
```

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

Here you see how a box with a 4 pixel #EB142D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB142D; -webkit-box-shadow:4px 4px  
4px 4px #EB142D; box-shadow:4px 4px 4px  
4px #EB142D }
```

# Background

The CSS property to change the background color of an element to Hex EB142D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB142D }
```

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

```
.background{ background-color:#EB142D }
```

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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