

# Converting Colors

Hex(ED182F)

Have a look what the booklet for  
Hex(ED182F) contains.

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# Color

**Hex(ED182F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED182F
RGB	237, 24, 47
RGB Percent	93%, 9%, 18%
CMY	0.0706, 0.9059, 0.8157
CMYK	0.00, 0.90, 0.80, 0.07
HSL	354°, 86%, 51%
HSV	354°, 90%, 93%
XYZ	35.7648, 18.8630, 4.4452
YIQ	90.3090, 119.5650, 52.3090

# Conversions

## Conversions Part 2

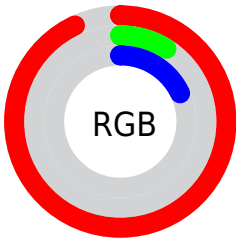
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">237, 24, 47</a>
Decimal	<a href="#">15538223</a>
CIELab	<a href="#">50.53, 74.22, 45.83</a>
CIELCh	<a href="#">51, 87.233, 31.697</a>
Yxy	<a href="#">18.8630, 0.6054, 0.3193</a>
Android (android.graphics.Color)	<a href="#">4293728303 (0xFFED182F)</a>
YUV	<a href="#">90.3090, -21.3513, 128.6480</a>
Hunter-Lab	<a href="#">43.4316, 70.9848, 24.3338</a>

# Details

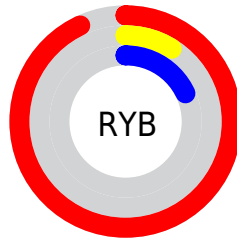
The Hex color **ED182F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **18EDD6**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF635E**, and **AB0002** is the 20% darker color. If you saturate the color by 10%, you get **ED001A**, and if you desaturate by 10%, it is **ED3044**.

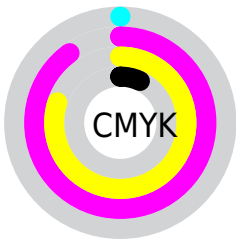
# Distribution



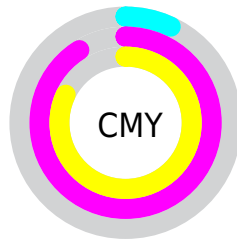
- Red (93%)
- Green (9%)
- Blue (18%)



- Red (93%)
- Yellow (9%)
- Blue (18%)



- Cyan (0%)
- Magenta (90%)
- Yellow (80%)
- Black (7%)



- Cyan (7%)
- Magenta (91%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED182F 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 ED182F by changing the saturation by 10% instead.



 ED182F

 ED182F

FFFFFF

 CC0019

 FF635E

 AB0002

 FF8277

 8B0000

 FFA091

 6B0001

 FFBDAC

 4D0004

 FFDBC7

 2D0001

 FFFAE3

 000000

 ED182F

 ED182F

 ED001A

 ED3044

 ED4759

 ED5F6E

 ED7784

 ED8E99

 EDA6AE

 EDBEC3

 EDD6D8

 EDEDED

# Harmonies

## Analogous

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



F40078



ED182F



C85600

# Triad

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



ED182F



009229



0082FF

# Complementary

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



ED182F



18EDD6

# 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.



0091FD



ED182F



00967B

# Square

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



ED182F



3F8900



0096C5



6F62F9

# Rectangle

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



ED182F



A46E00



0096C5



0088FF



# Sweetspot

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



ED182F



FFBAC2



D418ED



80575B



000000



808080



# Same Dimension

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



ED182F



FF001C



ED6A18



756A6B



B50014



360006



# Inverse Universe

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



ED182F



FF001C



189BED



756A6B



B50014



360006



# Previews

## White Background



This preview shows how the Hex color ED182F looks on a white background.

## Color Contrast Check

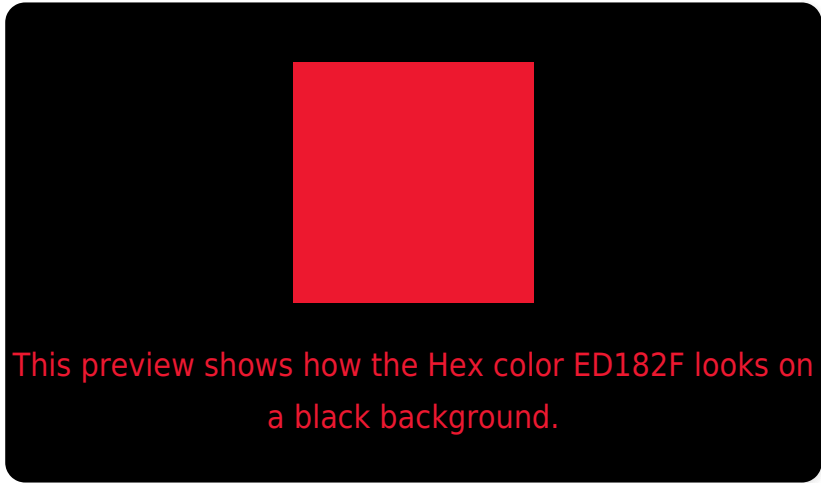
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ED182F Background



This preview shows how black text looks on a background with the Hex color ED182F.



This preview shows how white text looks on a background with the Hex color ED182F.

# 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**  
ED182F

**Protanopia**  
857948

**Deuteranopia**  
98731D



# Trichromacy



**Original Color**  
ED182F

**Protanomaly**  
AB563F

**Deuteranomaly**  
B75224

**Tritanomaly**  
ED1B20

# Monochromacy



**Original Color**  
ED182F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
8F424A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED182F 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 #ED182F looks like.

```
.text, #text, p{  
    color:#ED182F  
}
```

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 #ED182F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED182F
}
```

## Border

The CSS property to change the border of an element to Hex ED182F 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".

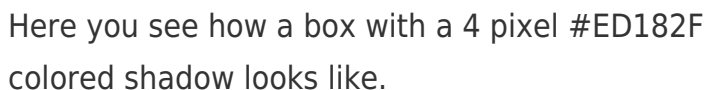
```
.border, #border, table{ border:4px solid
#ED182F }
```

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

```
.border{ border-color:#ED182F }
```

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

Here you see how a box with a 4 pixel #ED182F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED182F; -webkit-box-shadow:4px 4px  
4px 4px #ED182F; box-shadow:4px 4px 4px  
4px #ED182F }
```

# Background

The CSS property to change the background color of an element to Hex ED182F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED182F }
```

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

```
.background{ background-color:#ED182F }
```

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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