

# Converting Colors

Hex(EE482F)

Have a look what the booklet for  
Hex(EE482F) contains.

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# Color

**Hex(E E482F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE482F
RGB	238, 72, 47
RGB Percent	93%, 28%, 18%
CMY	0.0667, 0.7176, 0.8157
CMYK	0.00, 0.70, 0.80, 0.07
HSL	8°, 85%, 56%
HSV	8°, 80%, 93%
XYZ	38.0903, 23.0171, 5.1245
YIQ	118.7840, 106.9610, 27.4170

# Conversions

## Conversions Part 2

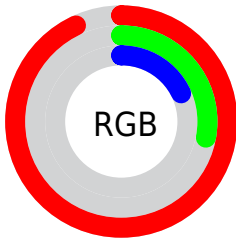
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 76, 47
Decimal	15616047
CIE Lab	55.09, 62.21, 50.36
CIE LCh	55, 80.040, 38.990
Yxy	23.0171, 0.5751, 0.3475
Android (android.graphics.Color)	4293806127 (0xFFEE482F)
YUV	118.7840, -35.3895, 104.5524
Hunter-Lab	47.9761, 57.7606, 27.2503

# Details

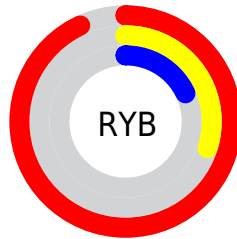
The Hex color **EE482F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2FD5EE**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8260**, and **AD0000** is the 20% darker color. If you saturate the color by 10%, you get **EE3317**, and if you desaturate by 10%, it is **EE5D47**.

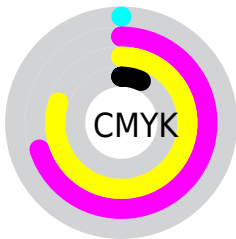
# Distribution



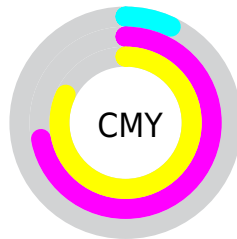
- Red (93%)
- Green (28%)
- Blue (18%)



- Red (93%)
- Yellow (30%)
- Blue (18%)



- Cyan (0%)
- Magenta (70%)
- Yellow (80%)
- Black (7%)



- Cyan (7%)
- Magenta (72%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE482F 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 EE482F by changing the saturation by 10% instead.



 EE482F

 EE482F

FFFFFF

 CE2817

 FF8260

 AD0000

 FF9E79

 8E0000

 FFBB93

 6E0000

 FFD8AE

 500001

 FFF6CA

 330002

 FFFFE6

 000000

 EE482F

 EE482F

 EE3317

 EE5D47

■ EE1F00

■ EE715F

■ EE8676

■ EE9B8E

■ EEAF A6

■ EEC4BE

■ EED9D6

■ EE EDED

■ EEFFFF

# Harmonies

## Analogous

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



FB2472



EE482F



C66E00

# Triad

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



EE482F



009F4F



0086FF

# Complementary

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



EE482F



2FD5EE

# 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.



0099FF



EE482F



00A298

# Square

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



EE482F



3C9700



00A0DA



9D66F1

# Rectangle

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



EE482F



A28000



00A0DA



008EFF



# Sweetspot

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



EE482F



FFCAC2



EE2FD8



805F5B



000000



808080



# Same Dimension

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



EE482F



FF2A0A



EEA52F



786D6C



B81800



380700

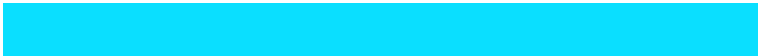


# Inverse Universe

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



2FD5EE



0ADFFF



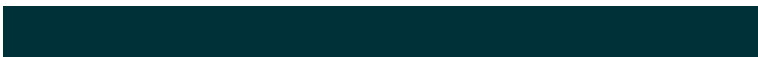
2F78EE



6C7678



00A0B8



003138



# Previews

## White Background



This preview shows how the Hex color EE482F looks on a white background.

## Color Contrast Check

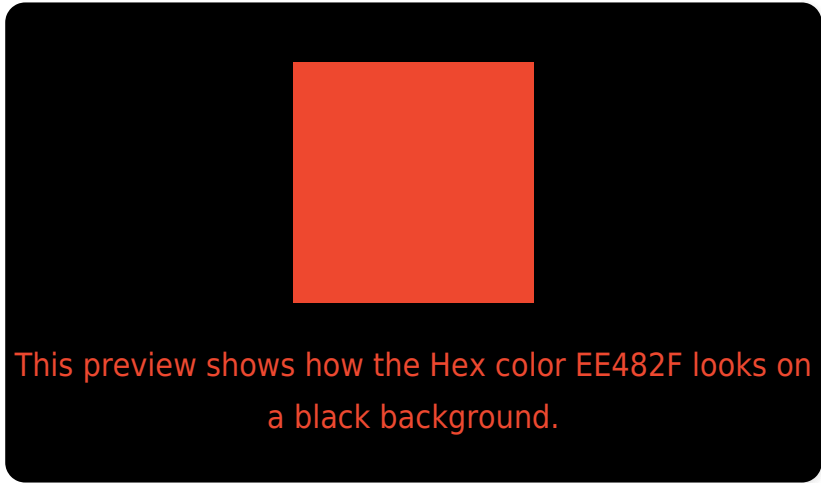
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE482F Background



This preview shows how black text looks on a background with the Hex color EE482F.



This preview shows how white text looks on a background with the Hex color EE482F.

# 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



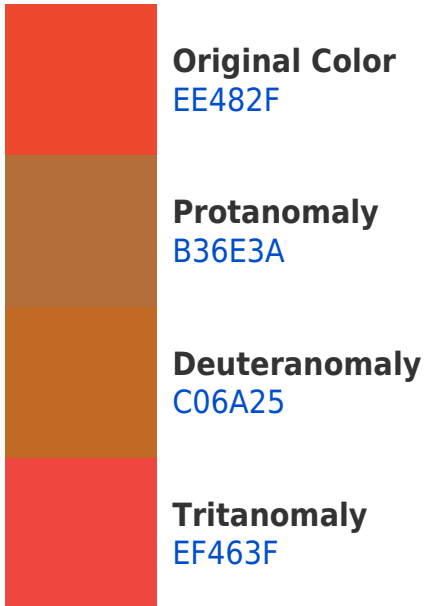
**Original Color**  
EE482F

**Protanopia**  
928440

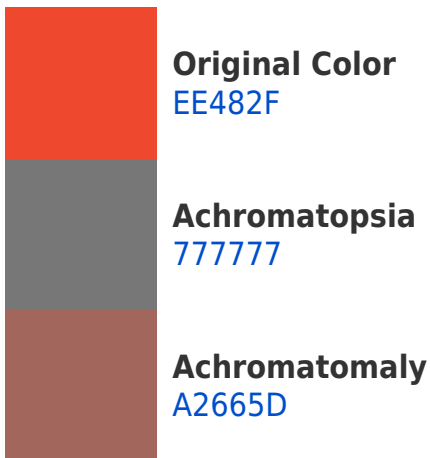
**Deuteranopia**  
A67E20



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE482F 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 #EE482F looks like.

```
.text, #text, p{  
    color:#EE482F  
}
```

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 #EE482F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE482F
}
```

## Border

The CSS property to change the border of an element to Hex EE482F is called "border". The border property can be set on classes, ids or directly on the HTML element.

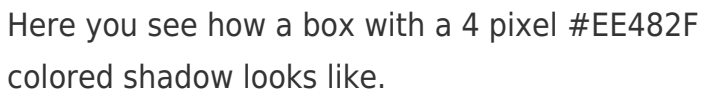
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EE482F }
```

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

```
.border{ border-color:#EE482F }
```

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



Here you see how a box with a 4 pixel #EE482F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE482F; -webkit-box-shadow:4px 4px  
4px 4px #EE482F; box-shadow:4px 4px 4px  
4px #EE482F }
```

# Background

The CSS property to change the background color of an element to Hex EE482F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE482F }
```

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

```
.background{ background-color:#EE482F }
```

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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