

# Converting Colors

Hex(E83858)

Have a look what the booklet for  
Hex(E83858) contains.

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# Color

**Hex(E83858)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E83858                     |
| RGB         | 232, 56, 88                |
| RGB Percent | 91%, 22%, 35%              |
| CMY         | 0.0902, 0.7804, 0.6549     |
| CMYK        | 0.00, 0.76, 0.62, 0.09     |
| HSL         | 349°, 79%, 56%             |
| HSV         | 349°, 76%, 91%             |
| XYZ         | 36.4543, 20.6887, 11.3045  |
| YIQ         | 112.2720, 94.6240, 47.2640 |

# Conversions

## Conversions Part 2

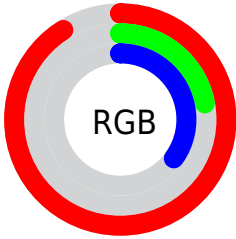
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| R <sub>Y</sub> B                    | 232, 56, 88                     |
| Decimal                             | 15218776                        |
| CIE Lab                             | 52.61, 67.56, 24.29             |
| CIE LCh                             | 53, 71.792, 19.774              |
| Yxy                                 | 20.6887, 0.5326,<br>0.3023      |
| Android<br>(android.graphics.Color) | 4293408856<br>(0xFFE83858)      |
| YUV                                 | 112.2720, -11.9661,<br>105.0015 |
| Hunter-Lab                          | 45.4849, 63.4622,<br>17.1039    |

# Details

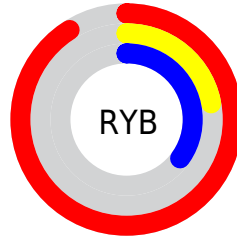
The Hex color **E83858** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **38E8C8**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF758A**, and **A9002B** is the 20% darker color. If you saturate the color by 10%, you get **E82145**, and if you desaturate by 10%, it is **E84F6B**.

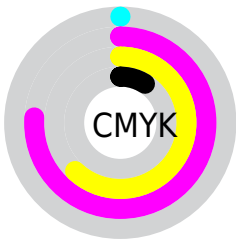
# Distribution



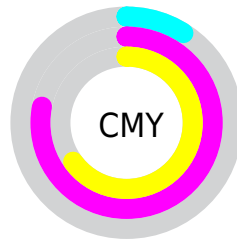
- Red (91%)
- Green (22%)
- Blue (35%)



- Red (91%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (76%)
- Yellow (62%)
- Black (9%)



- Cyan (9%)
- Magenta (78%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E83858 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 E83858 by changing the saturation by 10% instead.



 E83858

 E83858

FFFFFF

 C80941

 FF758A

 A9002B

 FF92A4

 8A0017

 FFB0BF

 6B0000

 FFCDDB

 4D0003

 FFEBF7

 2F0002

 000000

 E83858

 E83858

 E82145

 E84F6B

 E80A32

 E8667E

 E8002A

 E87E91

 E895A4

 E8ACB7

 E8C3CA

 E8DADD

 E8F2F0

 E8FFFF

# Harmonies

## Analogous

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



DF3795



E83858



D3571C

# Triad

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



E83858



049224



008BF8

# Complementary

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



E83858



38E8C8

# 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.



0096DB



E83858



009766

# Square

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



E83858



718700



0099A6



4277F3

# Rectangle

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



E83858



B96B00



0099A6



0090F2



# Sweetspot

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



E83858



FFC4CF



C838E8



805C62



000000



808080



# Same Dimension

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



E83858



FF1741



E87038



736769



B30020



330009



# Inverse Universe

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



E83858



FF1741



38B0E8



736769



B30020



330009



# Previews

## White Background



This preview shows how the Hex color E83858 looks on a white background.

## Color Contrast Check

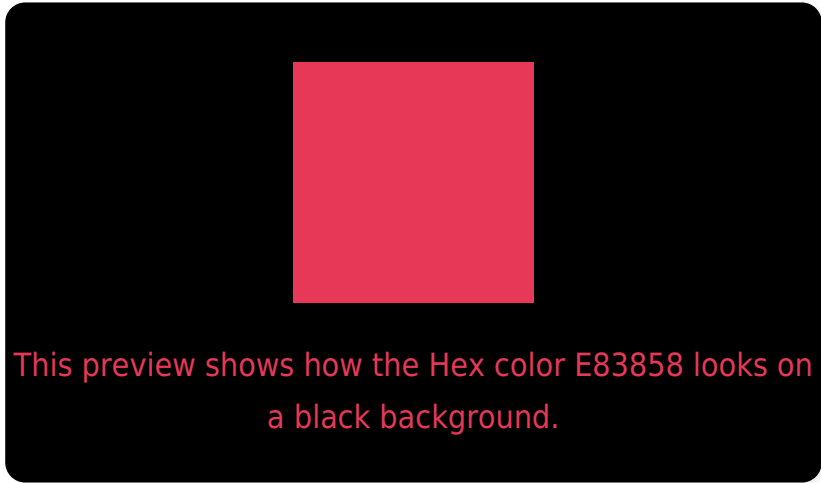
Large Text (above 18pt) WCAG AA ✓ Pass

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 E83858 Background



This preview shows how black text looks on a background with the Hex color E83858.

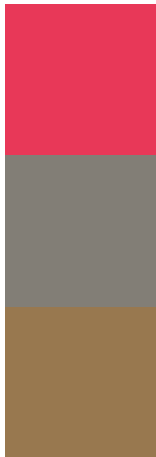


This preview shows how white text looks on a background with the Hex color E83858.

# 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**  
E83858

**Protanopia**  
827E76

**Deuteranopia**  
98784F



**Tritanopia**  
E73D3F

# Trichromacy



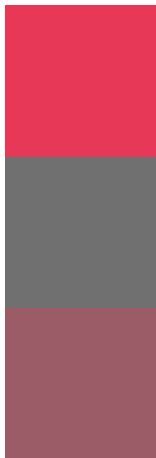
**Original Color**  
E83858

**Protanomaly**  
A7656B

**Deuteranomaly**  
B56152

**Tritanomaly**  
E73B48

# Monochromacy



**Original Color**  
E83858

**Achromatopsia**  
707070

**Achromatomaly**  
9C5C67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E83858 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 #E83858 looks like.

```
.text, #text, p{  
    color:#E83858  
}
```

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 #E83858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83858
}
```

## Border

The CSS property to change the border of an element to Hex E83858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

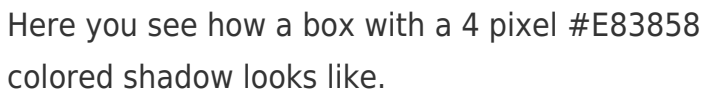
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E83858 }
```

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

```
.border{ border-color:#E83858 }
```

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



Here you see how a box with a 4 pixel #E83858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83858; -webkit-box-shadow:4px 4px  
4px 4px #E83858; box-shadow:4px 4px 4px  
4px #E83858 }
```

# Background

The CSS property to change the background color of an element to Hex E83858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83858 }
```

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

```
.background{ background-color:#E83858 }
```

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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