

Converting Colors

Hex(E83168)

Have a look what the booklet for
Hex(E83168) contains.

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Color

Hex(E83168)

Conversions

Conversions Part 1

Format	Color
Hex	E83168
RGB	232, 49, 104
RGB Percent	91%, 19%, 41%
CMY	0.0902, 0.8078, 0.5922
CMYK	0.00, 0.79, 0.55, 0.09
HSL	342°, 80%, 55%
HSV	342°, 79%, 91%
XYZ	36.8757, 20.3519, 15.0814
YIQ	109.9870, 91.4130, 55.9010

Conversions

Conversions Part 2

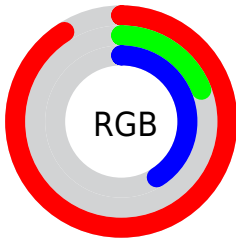
Format	Color
R_{YB}	232, 49, 104
Decimal	15217000
CIE _{Lab}	52.23, 70.57, 14.16
CIE _{LCh}	52, 71.974, 11.348
Yxy	20.3519, 0.5100, 0.2815
Android (android.graphics.Color)	4293407080 (0xFFE83168)
YUV	109.9870, -2.9516, 107.0054
Hunter-Lab	45.1131, 66.9591, 11.7583

Details

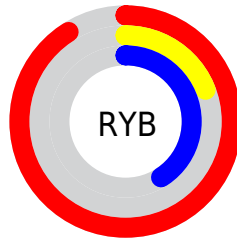
The Hex color **E83168** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **31E8B1**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF719B**, and **A9003A** is the 20% darker color. If you saturate the color by 10%, you get **E81A58**, and if you desaturate by 10%, it is **E84878**.

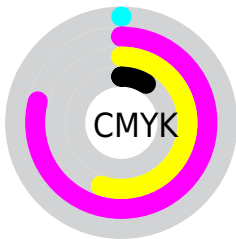
Distribution



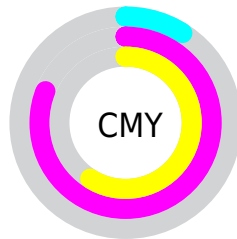
- Red (91%)
- Green (19%)
- Blue (41%)



- Red (91%)
- Yellow (19%)
- Blue (41%)



- Cyan (0%)
- Magenta (79%)
- Yellow (55%)
- Black (9%)



- Cyan (9%)
- Magenta (81%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color E83168 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 E83168 by changing the saturation by 10% instead.

 E83168

 E83168

FFFFFF

 C90050

 FF719B

 A9003A

 FF8EB6

 8B0025

 FFACD1

 6C0010

 FFC9ED

 4F0003

 FFE7FF

 300002

 000000

 E83168

 E83168

 E81A58

 E84878

 E80348

 E85F88

 E80046

 E87799

 E88EA9

 E8A5B9

 E8BCC9

 E8D3DA

 E8EBEA

 E8FFFA

Harmonies

Analogous

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



D63DA6



E83168



DA4C2D

Triad

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



E83168



388F06



008EF2

Complementary

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



E83168



31E8B1

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.



0096CD



E83168



009552

Square

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



E83168



818100



009893



007DF7

Rectangle

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



E83168



C46200



009893



0092E9

Sweetspot

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



E83168



FFC2D4



AE31E8



805B66



000000



808080

Same Dimension

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



E83168



FF0D56



E85331



73676B



B30036



33000F

Inverse Universe

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



E83168



FF0D56



31C6E8



73676B



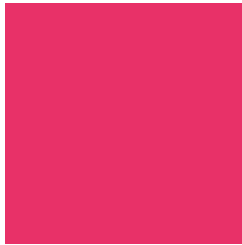
B30036



33000F

Previews

White Background



This preview shows how the Hex color E83168 looks on a white background.

Color Contrast Check

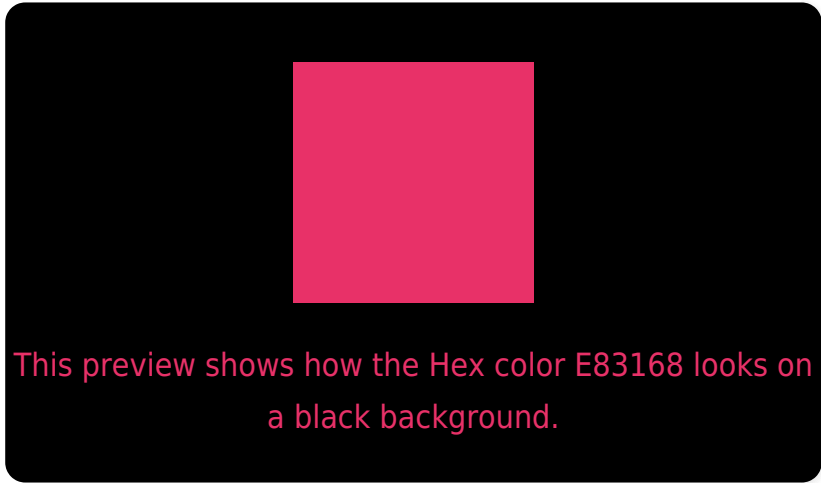
Large Text (above 18pt) WCAG AA ✓ Pass

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 E83168 Background



This preview shows how black text looks on a background with the Hex color E83168.

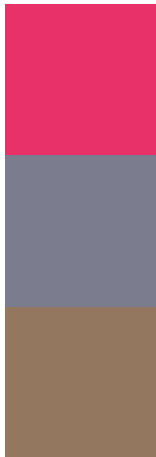


This preview shows how white text looks on a background with the Hex color E83168.

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
E83168

Protanopia
7B7C8D

Deuteranopia
93785F

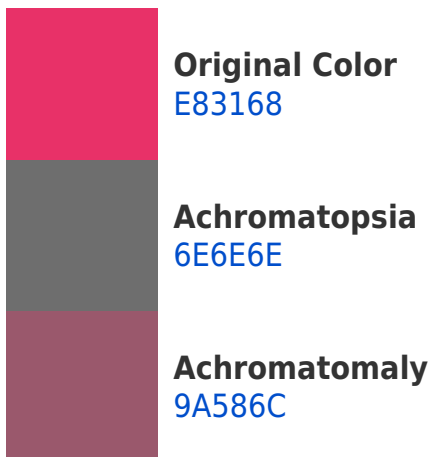


Tritanopia
E63C3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E83168 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 #E83168 looks like.

```
.text, #text, p{  
    color:#E83168  
}
```

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 #E83168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83168
}
```

Border

The CSS property to change the border of an element to Hex E83168 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
#E83168 }
```

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

```
.border{ border-color:#E83168 }
```

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

Here you see how a box with a 4 pixel #E83168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83168; -webkit-box-shadow:4px 4px  
4px 4px #E83168; box-shadow:4px 4px 4px  
4px #E83168 }
```

Background

The CSS property to change the background color of an element to Hex E83168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83168 }
```

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

```
.background{ background-color:#E83168 }
```

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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