

Converting Colors

Hex(E83186)

Have a look what the booklet for
Hex(E83186) contains.

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Color

Hex(E83186)

Conversions

Conversions Part 1

Format	Color
Hex	E83186
RGB	232, 49, 134
RGB Percent	91%, 19%, 53%
CMY	0.0902, 0.8078, 0.4745
CMYK	0.00, 0.79, 0.42, 0.09
HSL	332°, 80%, 55%
HSV	332°, 79%, 91%
XYZ	38.6801, 21.0737, 24.5832
YIQ	113.4070, 81.7830, 65.2310

Conversions

Conversions Part 2

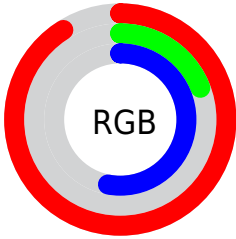
Format	Color
R_{YB}	232, 49, 134
Decimal	15217030
CIE Lab	53.03, 72.98, -2.77
CIE LCh	53, 73.036, 357.829
Yxy	21.0737, 0.4586, 0.2499
Android (android.graphics.Color)	4293407110 (0xFFE83186)
YUV	113.4070, 10.1523, 104.0061
Hunter-Lab	45.9061, 70.0672, 0.3838

Details

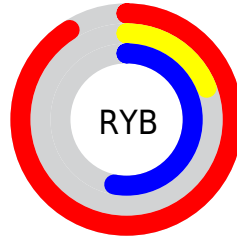
The Hex color **E83186** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **31E893**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF72BB**, and **AB0055** is the 20% darker color. If you saturate the color by 10%, you get **E81A7A**, and if you desaturate by 10%, it is **E84892**.

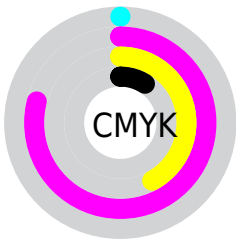
Distribution



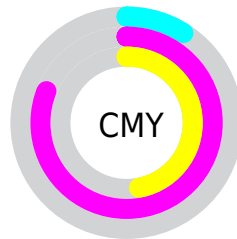
- Red (91%)
- Green (19%)
- Blue (53%)



- Red (91%)
- Yellow (19%)
- Blue (53%)



- Cyan (0%)
- Magenta (79%)
- Yellow (42%)
- Black (9%)



- Cyan (9%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color E83186 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 E83186 by changing the saturation by 10% instead.

 E83186

 E83186

FFFFFF

 C9006D

 FF72BB

 AB0055

 FF8FD7

 8C003E

 FFADF3

 6F0028

 FFCBFF

 520014

 FFE9FF

 340002

 000000

 E83186

 E83186

 E81A7A

 E84892

 E8036D

 E85F9F

 E8006C

 E877AB

 E88EB8

 E8A5C4

 E8BCD1

 E8D3DD

 E8EBE9

 E8FFF6

Harmonies

Analogous

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



C44EC3



E83186



E83E48

Triad

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



E83186



5F8C00



0095E9

Complementary

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



E83186



31E893

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.



009AB8



E83186



009536

Square

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



E83186



9D7A00



009978



0088FD

Rectangle

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



E83186



D8551F



009978



0097DB

Sweetspot

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



E83186



FFC2DE



9331E8



805B6C



000000



808080

Same Dimension

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



E83186



FF0D7D



E83731



73676D



B30053



330018

Inverse Universe

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



E83186



FF0D7D



31E2E8



73676D



B30053



330018

Previews

White Background



This preview shows how the Hex color E83186 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 E83186 Background



This preview shows how black text looks on a background with the Hex color E83186.



This preview shows how white text looks on a background with the Hex color E83186.

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





Tritanopia
E44447

Trichromacy



Original Color
E83186



Protanomaly
9A61A4



Deuteranomaly
AD6080



Tritanomaly
E53D5E

Monochromacy



Original Color
E83186



Achromatopsia
717171



Achromatomaly
9C5A79

CSS Examples

Text

The CSS property to change the color of the text to Hex E83186 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 #E83186 looks like.

```
.text, #text, p{  
    color:#E83186  
}
```

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 #E83186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83186
}
```

Border

The CSS property to change the border of an element to Hex E83186 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
#E83186 }
```

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

```
.border{ border-color:#E83186 }
```

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

Here you see how a box with a 4 pixel #E83186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83186; -webkit-box-shadow:4px 4px  
4px 4px #E83186; box-shadow:4px 4px 4px  
4px #E83186 }
```

Background

The CSS property to change the background color of an element to Hex E83186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83186 }
```

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

```
.background{ background-color:#E83186 }
```

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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