

# Converting Colors

Hex(E13C8B)

Have a look what the booklet for  
Hex(E13C8B) contains.

<b>Hex(E13C8B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(E13C8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E13C8B
RGB	225, 60, 139
RGB Percent	88%, 24%, 55%
CMY	0.1176, 0.7647, 0.4549
CMYK	0.00, 0.73, 0.38, 0.12
HSL	331°, 73%, 56%
HSV	331°, 73%, 88%
XYZ	37.3274, 21.1033, 26.5321
YIQ	118.3410, 72.9810, 59.5490

# Conversions

## Conversions Part 2

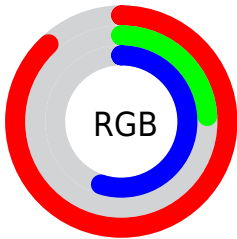
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 60, 139
Decimal	14761099
CIE Lab	53.06, 68.47, -5.85
CIE LCh	53, 68.723, 355.119
Yxy	21.1033, 0.4393, 0.2484
Android (android.graphics.Color)	4292951179 (0xFFE13C8B)
YUV	118.3410, 10.1849, 93.5399
Hunter-Lab	45.9384, 64.6486, -2.0865

# Details

The Hex color **E13C8B** 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 **3CE192**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF79C0**, and **A50059** is the 20% darker color. If you saturate the color by 10%, you get **E1267F**, and if you desaturate by 10%, it is **E15397**.

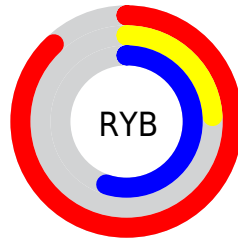
# Distribution



Red (88%)

Green (24%)

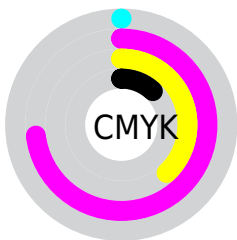
Blue (55%)



Red (88%)

Yellow (24%)

Blue (55%)

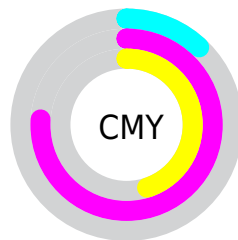


Cyan (0%)

Magenta (73%)

Yellow (38%)

Black (12%)



Cyan (12%)

Magenta (76%)

Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the Hex color E13C8B 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 E13C8B by changing the saturation by 10% instead.



 E13C8B

 E13C8B

FFFFFF

 C31272

 FF79C0

 A50059

 FF96DC

 870042

 FFB3F9

 6A002C

 FFD0FF


 4D0018


 FFE0FF

 310002

 000000

 E13C8B

 E13C8B

 E1267F

 E15397

 E10F74

 E169A2

 E1006C

 E17FAE

 E196BA

 E1ADC6

 E1C3D1

 E1DADD

 E1F0E9

 E1FFF5

# Harmonies

## Analogous

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



BB55C3



E13C8B



E44350

# Triad

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



E13C8B



698A00



0095DF

# Complementary

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



E13C8B



3CE192

# 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.



0099AF



E13C8B



009435

# Square

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



E13C8B



A17900



009873



0089F5

# Rectangle

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



E13C8B



D6562B



009873



0097D2



# Sweetspot

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



E13C8B



FFC7E2



913CE1



805E6E



000000



808080



# Same Dimension

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



E13C8B



FF1F8A



E13F3C



70656A



B00054



300017



# Inverse Universe

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



E13C8B



FF1F8A



3CDEE1



70656A



B00054



300017



# Previews

## White Background



This preview shows how the Hex color E13C8B looks on a white background.

## Color Contrast Check

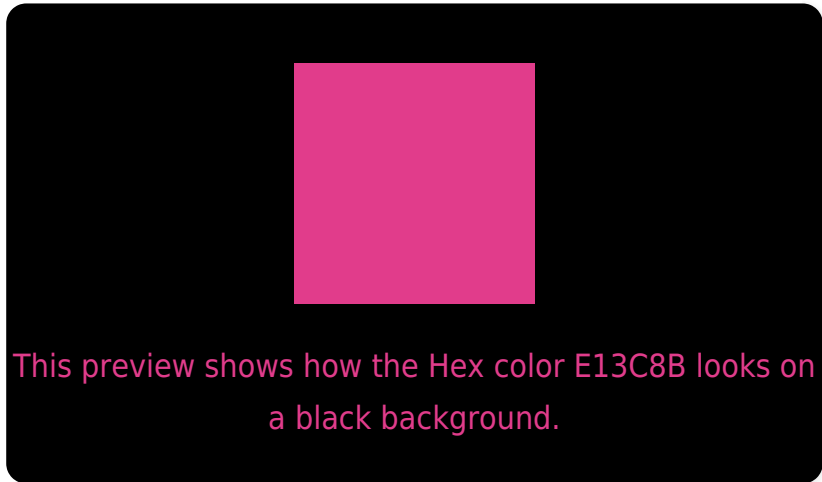
Large Text (above 18pt) WCAG AA ✓ Pass

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 E13C8B Background



This preview shows how black text looks on a background with the Hex color E13C8B.



This preview shows how white text looks on a background with the Hex color E13C8B.

# 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





# Trichromacy



**Original Color**  
E13C8B



**Protanomaly**  
9865A6



**Deuteranomaly**  
AA6486



**Tritanomaly**  
DE4665

# Monochromacy



**Original Color**  
E13C8B



**Achromatopsia**  
767676



**Achromatomaly**  
9D617E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E13C8B 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 #E13C8B looks like.

```
.text, #text, p{  
    color:#E13C8B  
}
```

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 #E13C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E13C8B
}
```

## Border

The CSS property to change the border of an element to Hex E13C8B 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
#E13C8B }
```

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

```
.border{ border-color:#E13C8B }
```

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

Here you see how a box with a 4 pixel #E13C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E13C8B; -webkit-box-shadow:4px 4px  
4px 4px #E13C8B; box-shadow:4px 4px 4px  
4px #E13C8B }
```

# Background

The CSS property to change the background color of an element to Hex E13C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E13C8B }
```

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

```
.background{ background-color:#E13C8B }
```

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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