

Converting Colors

Hex(B13E7B)

Have a look what the booklet for
Hex(B13E7B) contains.

| | |
|--|----|
| Hex(B13E7B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(B13E7B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B13E7B |
| RGB | 177, 62, 123 |
| RGB Percent | 69%, 24%, 48% |
| CMY | 0.3059, 0.7569, 0.5176 |
| CMYK | 0.00, 0.65, 0.31, 0.31 |
| HSL | 328°, 48%, 47% |
| HSV | 328°, 65%, 69% |
| XYZ | 23.4292, 14.2224, 20.2492 |
| YIQ | 103.3390, 48.9590, 43.3510 |

Conversions

Conversions Part 2

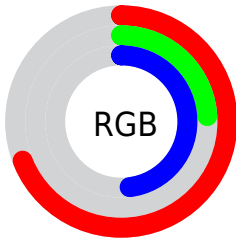
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 177, 62, 123 |
| Decimal | 11615867 |
| CIE _{Lab} | 44.55, 52.51, -9.76 |
| CIE _{LCh} | 45, 53.412, 349.468 |
| Yxy | 14.2224, 0.4046, 0.2456 |
| Android (android.graphics.Color) | 4289805947 (0xFFB13E7B) |
| YUV | 103.3390, 9.6929, 64.6007 |
| Hunter-Lab | 37.7126, 44.8973, -5.4360 |

Details

The Hex color **B13E7B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3EB174**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **EC74AF**, and **78004A** is the 20% darker color. If you saturate the color by 10%, you get **B12C73**, and if you desaturate by 10%, it is **B15083**.

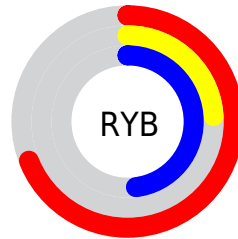
Distribution



Red (69%)

Green (24%)

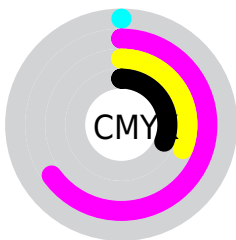
Blue (48%)



Red (69%)

Yellow (24%)

Blue (48%)

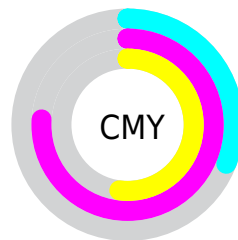


Cyan (0%)

Magenta (65%)

Yellow (31%)

Black (31%)



Cyan (31%)


Magenta (76%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B13E7B 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 B13E7B by changing the saturation by 10% instead.

 B13E7B

 B13E7B

FFFFFF

 942062

 EC74AF

 78004A

 FF90CB

 5D0034

 FFACE7

 42001F

 FFC8FF

 2A0002

 FFE5FF

 000000

 B13E7B

 B13E7B

 B12C73

 B15083

 B11B6A

 B1618C

 B10962

 B17394

 B1005E

 B1859C

 B196A5

 B1A8AD

 B1BAB5

 B1CCBD

 B1DDC6

Harmonies

Analogous

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



8F50A4



B13E7B



B83E4F

Triad

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



B13E7B



637000



007BAC

Complementary

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



B13E7B



3EB174

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.



007E86



B13E7B



29792B

Square

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



B13E7B



8C6200



007D58



0073C1

Rectangle

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



B13E7B



B14833



007D58



007DA1

Sweetspot

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



B13E7B



E6BAD1



743EB1



735866



F2F2F2



737373

Same Dimension

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



B13E7B



E63291



B13E42



595055



990051



1A000E

Inverse Universe

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



B13E7B



E63291



3EB1AD



595055



990051



1A000E

Previews

White Background



This preview shows how the Hex color B13E7B looks on a white background.

Color Contrast Check

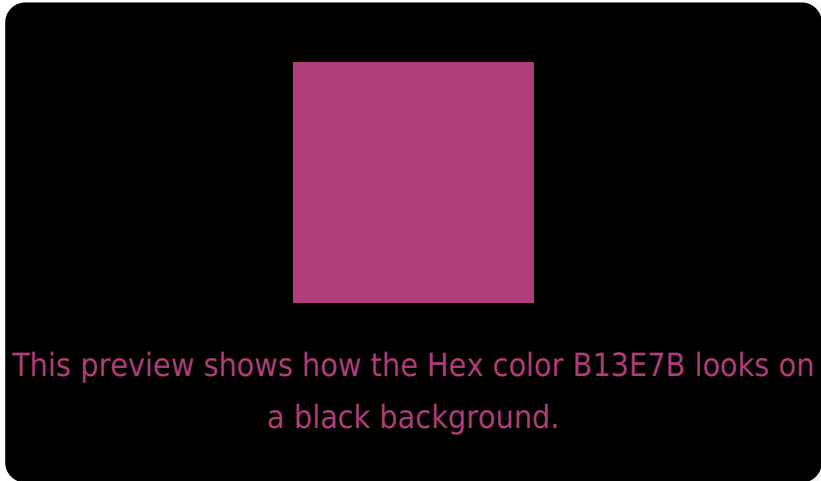
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

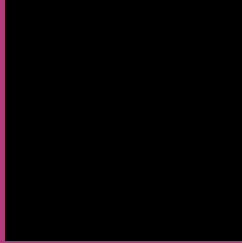
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B13E7B Background



This preview shows how black text looks on a background with the Hex color B13E7B.



This preview shows how white text looks on a background with the Hex color B13E7B.

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



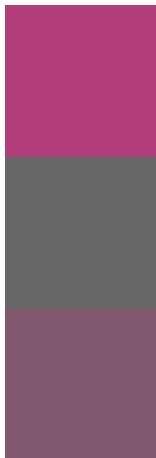
Original Color
B13E7B

Protanomaly
7A598E

Deuteranomaly
875877

Tritanomaly
AE455E

Monochromacy



Original Color
B13E7B

Achromatopsia
676767

Achromatomaly
82586E

CSS Examples

Text

The CSS property to change the color of the text to Hex B13E7B 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 #B13E7B looks like.

```
.text, #text, p{  
    color:#B13E7B  
}
```

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 #B13E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B13E7B
}
```

Border

The CSS property to change the border of an element to Hex B13E7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

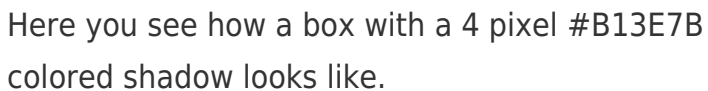
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B13E7B }
```

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

```
.border{ border-color:#B13E7B }
```

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



Here you see how a box with a 4 pixel #B13E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B13E7B; -webkit-box-shadow:4px 4px  
4px 4px #B13E7B; box-shadow:4px 4px 4px  
4px #B13E7B }
```

Background

The CSS property to change the background color of an element to Hex B13E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B13E7B }
```

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

```
.background{ background-color:#B13E7B }
```

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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