

Converting Colors

Hex(E33B7A)

Have a look what the booklet for
Hex(E33B7A) contains.

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Color

Hex(E33B7A)

Conversions

Conversions Part 1

Format	Color
Hex	E33B7A
RGB	227, 59, 122
RGB Percent	89%, 23%, 48%
CMY	0.1098, 0.7686, 0.5216
CMYK	0.00, 0.74, 0.46, 0.11
HSL	338°, 75%, 56%
HSV	338°, 74%, 89%
XYZ	36.7554, 20.8640, 20.5023
YIQ	116.4140, 79.9050, 55.2090

Conversions

Conversions Part 2

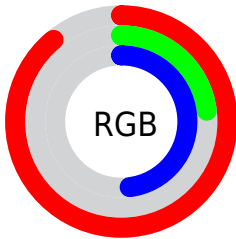
Format	Color
R_{YB}	227, 59, 122
Decimal	14891898
CIE _{Lab}	52.80, 67.72, 3.99
CIE _{LCh}	53, 67.841, 3.370
Yxy	20.8640, 0.4705, 0.2671
Android (android.graphics.Color)	4293081978 (0xFFE33B7A)
YUV	116.4140, 2.7539, 96.9839
Hunter-Lab	45.6771, 63.7002, 5.3615

Details

The Hex color **E33B7A** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **3BE3A4**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF78AE**, and **A6004A** is the 20% darker color. If you saturate the color by 10%, you get **E3246C**, and if you desaturate by 10%, it is **E35288**.

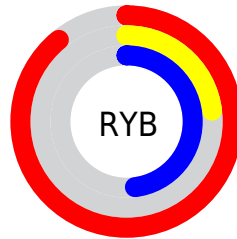
Distribution



Red (89%)

Green (23%)

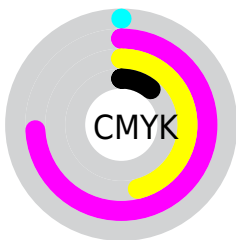
Blue (48%)



Red (89%)

Yellow (23%)

Blue (48%)

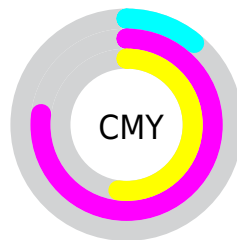


Cyan (0%)

Magenta (74%)

Yellow (46%)

Black (11%)



Cyan (11%)

Magenta (77%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color E33B7A 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 E33B7A by changing the saturation by 10% instead.

 E33B7A

 E33B7A

FFFFFF

 C41161

 FF78AE

 A6004A

 FF95C9

 880033

 FFB2E6

 6A001F

 FFCFFF

 4E0005

 FFEDFF

 300002

 000000

 E33B7A

 E33B7A

 E3246C

 E35288

 E30E5E

 E36896

 E30055

 E37FA5

 E396B3

 E3ADC1

 E3C3CF

 E3DADD

 E3F1EC

 E3FFFA

Harmonies

Analogous

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



C84DB3



E33B7A



DE4B41

Triad

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



E33B7A



568D00



0091E6

Complementary

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



E33B7A



3BE3A4

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.



0097BD



E33B7A



009546

Square

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



E33B7A



927E00



009883



0083F3

Rectangle

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



E33B7A



CC5E1C



009883



0094DB

Sweetspot

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



E33B7A



FFC7DC



A33BE3



805E6B



000000



808080

Same Dimension

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



E33B7A



FF1C71



E34F3B



73676C



B30043



330013

Inverse Universe

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



E33B7A



FF1C71



3BCFE3



73676C



B30043



330013

Previews

White Background



This preview shows how the Hex color E33B7A looks on a white background.

Color Contrast Check

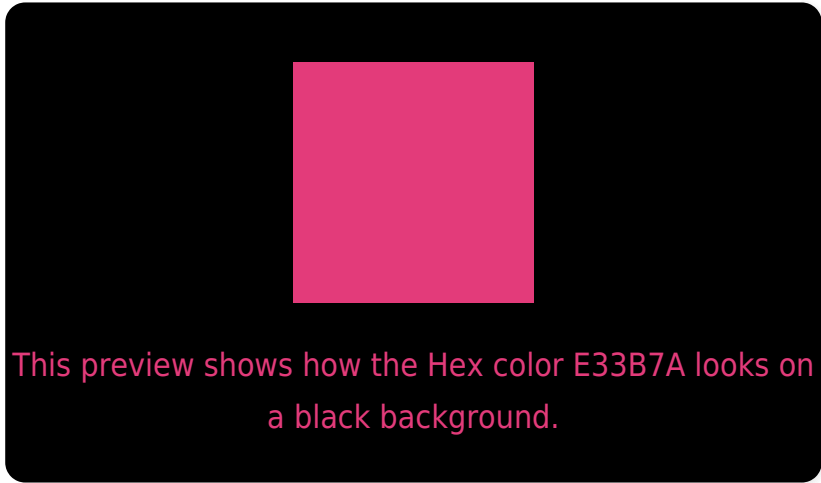
Large Text (above 18pt) WCAG AA ✓ Pass

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 E33B7A Background



This preview shows how black text looks on a background with the Hex color E33B7A.



This preview shows how white text looks on a background with the Hex color E33B7A.

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
E33B7A

Protanopia
767DA0

Deuteranopia
8F7A72



Tritanopia
E0474A

Trichromacy



Original Color
E33B7A



Protanomaly
9E6592



Deuteranomaly
AE6375

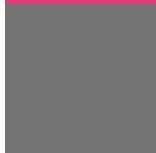


Tritanomaly
E1435B

Monochromacy



Original Color
E33B7A



Achromatopsia
747474



Achromatomaly
9C5F76

CSS Examples

Text

The CSS property to change the color of the text to Hex E33B7A 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 #E33B7A looks like.

```
.text, #text, p{  
    color:#E33B7A  
}
```

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 #E33B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E33B7A
}
```

Border

The CSS property to change the border of an element to Hex E33B7A 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
#E33B7A }
```

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

```
.border{ border-color:#E33B7A }
```

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

Here you see how a box with a 4 pixel #E33B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E33B7A; -webkit-box-shadow:4px 4px  
4px 4px #E33B7A; box-shadow:4px 4px 4px  
4px #E33B7A }
```

Background

The CSS property to change the background color of an element to Hex E33B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E33B7A }
```

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

```
.background{ background-color:#E33B7A }
```

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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