

Converting Colors

Hex(E93A7B)

Have a look what the booklet for
Hex(E93A7B) contains.

Hex(E93A7B)	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(E93A7B)

Conversions

Conversions Part 1

Format	Color
Hex	E93A7B
RGB	233, 58, 123
RGB Percent	91%, 23%, 48%
CMY	0.0863, 0.7725, 0.5176
CMYK	0.00, 0.75, 0.47, 0.09
HSL	338°, 80%, 57%
HSV	338°, 75%, 91%
XYZ	38.6925, 21.7798, 20.9035
YIQ	117.7350, 83.4350, 57.3150

Conversions

Conversions Part 2

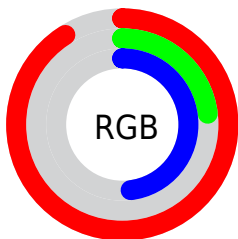
Format	Color
R_{YB}	233, 58, 123
Decimal	15284859
CIE _{Lab}	53.79, 69.74, 4.96
CIE _{LCh}	54, 69.912, 4.065
Yxy	21.7798, 0.4755, 0.2676
Android (android.graphics.Color)	4293474939 (0xFFE93A7B)
YUV	117.7350, 2.5956, 101.0874
Hunter-Lab	46.6688, 66.3214, 6.1115

Details

The Hex color **E93A7B** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **3AE9A8**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF78AF**, and **AB004B** is the 20% darker color. If you saturate the color by 10%, you get **E9236C**, and if you desaturate by 10%, it is **E9518A**.

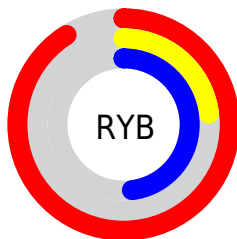
Distribution



Red (91%)

Green (23%)

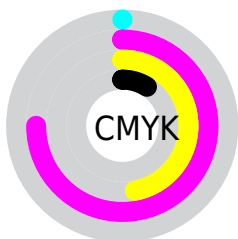
Blue (48%)



Red (91%)

Yellow (23%)

Blue (48%)

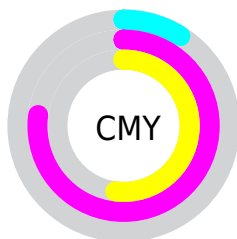


Cyan (0%)

Magenta (75%)

Yellow (47%)

Black (9%)



Cyan (9%)

Magenta (77%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color E93A7B 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 E93A7B by changing the saturation by 10% instead.

 E93A7B

 E93A7B

FFFFFF

 CA0C62

 FF78AF

 AB004B

 FF95CB

 8D0034

 FFB2E7

 6F0020

 FFD0FF

 520006

 FFE0FF

 340002

 000000

 E93A7B

 E93A7B

 E9236C

 E9518A

 E90B5E

 E96998

 E90057

 E980A7

 E997B6

 E9AEC4

 E9C6D3

 E9DDE2

 E9F4F0

 E9FFFF

Harmonies

Analogous

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



CE4DB6



E93A7B



E34C41

Triad

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



E93A7B



559000



0094ED

Complementary

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



E93A7B



3AE9A8

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.



009BC3



E93A7B



009848

Square

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



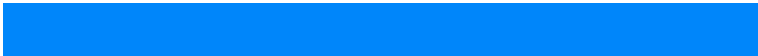
E93A7B



948100



009B87



0086FA

Rectangle

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



E93A7B



D05F19



009B87



0097E2

Sweetspot

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



E93A7B



FFC4DA



A63AE9



805C69



000000



808080

Same Dimension

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



E93A7B



FF196F



E94E3A



756A6E



B50043



360014

Inverse Universe

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



E93A7B



FF196F



3AD5E9



756A6E



B50043



360014

Previews

White Background



This preview shows how the Hex color E93A7B 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 E93A7B Background



This preview shows how black text looks on a background with the Hex color E93A7B.




This preview shows how white text looks on a background with the Hex color E93A7B.

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
E6464A

Trichromacy



Original Color
E93A7B



Protanomaly
A16794



Deuteranomaly
B26475

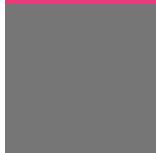


Tritanomaly
E7425C

Monochromacy



Original Color
E93A7B



Achromatopsia
767676



Achromatomaly
A06078

CSS Examples

Text

The CSS property to change the color of the text to Hex E93A7B 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 #E93A7B looks like.

```
.text, #text, p{  
    color:#E93A7B  
}
```

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 #E93A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E93A7B
}
```

Border

The CSS property to change the border of an element to Hex E93A7B 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
#E93A7B }
```

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

```
.border{ border-color:#E93A7B }
```

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

Here you see how a box with a 4 pixel #E93A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E93A7B; -webkit-box-shadow:4px 4px  
4px 4px #E93A7B; box-shadow:4px 4px 4px  
4px #E93A7B }
```

Background

The CSS property to change the background color of an element to Hex E93A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E93A7B }
```

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

```
.background{ background-color:#E93A7B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor