

# Converting Colors

Hex(E93BE9)

Have a look what the booklet for  
Hex(E93BE9) contains.

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# Color

Hex(E93BE9)

# Conversions

## Conversions Part 1

Format	Color
Hex	E93BE9
RGB	233, 59, 233
RGB Percent	91%, 23%, 91%
CMY	0.0863, 0.7686, 0.0863
CMYK	0.00, 0.75, 0.00, 0.09
HSL	300°, 80%, 57%
HSV	300°, 75%, 91%
XYZ	49.8762, 26.3348, 79.5451
YIQ	130.8620, 47.8500, 91.0020

# Conversions

## Conversions Part 2

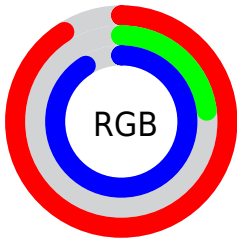
Format	Color
R <sub>Y</sub> B	233, 59, 233
Decimal	15285225
CIE Lab	58.35, 82.80, -51.93
CIE LCh	58, 97.743, 327.905
Yxy	26.3348, 0.3202, 0.1691
Android (android.graphics.Color)	4293475305 (0xFFE93BE9)
YUV	130.8620, 50.3540, 89.5750
Hunter-Lab	51.3174, 83.6816, -55.9810

# Details

The Hex color **E93BE9** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **3BE93B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF7CFF**, and **AD00B1** is the 20% darker color. If you saturate the color by 10%, you get **E924E9**, and if you desaturate by 10%, it is **E952E9**.

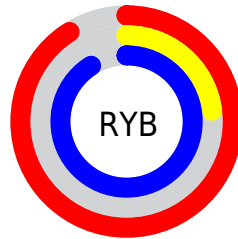
# Distribution



Red (91%)

Green (23%)

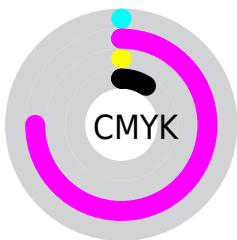
Blue (91%)



Red (91%)

Yellow (23%)

Blue (91%)

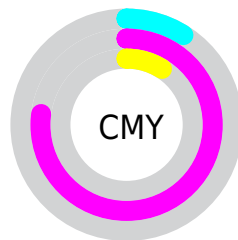


Cyan (0%)

Magenta (75%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (77%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E93BE9 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 E93BE9 by changing the saturation by 10% instead.



 E93BE9

 E93BE9

FFFFFF

 CB01CC

 FF7CFE

 AD00B1

 FF9AFF

 900095

 FFB8FF

 73007B

 FFD6FF

 560061

 FFF4FF

 3B0049

 1C0031

 00011B

 000000

 E93BE9

 E93BE9

 E924E9

 E952E9

 E90CE9

 E96AE9

 E900E9

 E981E9

 E998E9

 E9B0E9

 E9C7E9

 E9DEE9

 E9F5E9

 E9FFE9

# Harmonies

## Analogous

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



6778FF



E93BE9



FF0096

# Triad

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



E93BE9



B08700



00AFDB

# Complementary

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



E93BE9



3BE93B

# 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.



00AE84



E93BE9



5A9E00

# Square

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



E93BE9



EF5F00



00A922



00AAFF

# Rectangle

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



E93BE9



FF005E



00A922



00AFBF



# Sweetspot

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



E93BE9



FFC7FF



3B3BE9



805E80



000000



808080



# Same Dimension

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



E93BE9



FF19FF



E93B92



756A75



B500B5



360036



# Inverse Universe

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



E93BE9



FF19FF



3BE992



756A75



B500B5



360036



# Previews

## White Background



This preview shows how the Hex color E93BE9 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 E93BE9 Background



This preview shows how black text looks on a background with the Hex color E93BE9.




This preview shows how white text looks on a background with the Hex color E93BE9.

# 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](#).

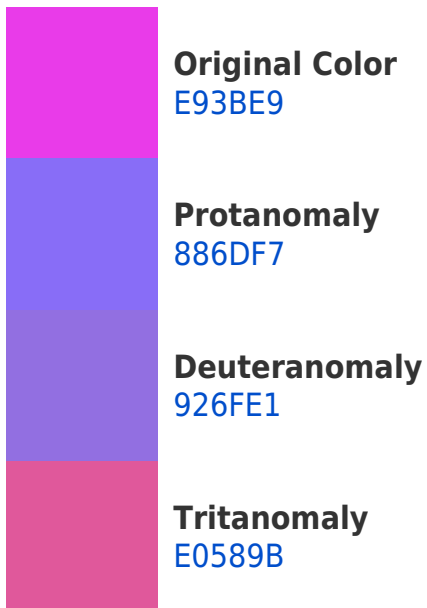
## Dichromacy



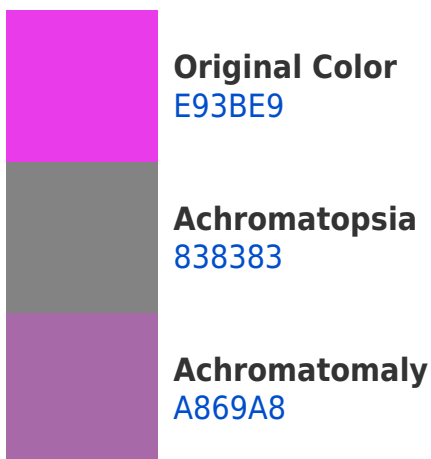


**Tritanopia**  
DB686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E93BE9 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 #E93BE9 looks like.

```
.text, #text, p{  
    color:#E93BE9  
}
```

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 #E93BE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E93BE9
}
```

## Border

The CSS property to change the border of an element to Hex E93BE9 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
#E93BE9 }
```

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

```
.border{ border-color:#E93BE9 }
```

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

Here you see how a box with a 4 pixel #E93BE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E93BE9; -webkit-box-shadow:4px 4px  
4px 4px #E93BE9; box-shadow:4px 4px 4px  
4px #E93BE9 }
```

# Background

The CSS property to change the background color of an element to Hex E93BE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E93BE9 }
```

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

```
.background{ background-color:#E93BE9 }
```

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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