

# Converting Colors

Hex(E53D99)

Have a look what the booklet for  
Hex(E53D99) contains.

<b>Hex(E53D99)</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(E53D99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E53D99
RGB	229, 61, 153
RGB Percent	90%, 24%, 60%
CMY	0.1020, 0.7608, 0.4000
CMYK	0.00, 0.73, 0.33, 0.10
HSL	327°, 76%, 57%
HSV	327°, 73%, 90%
XYZ	39.7316, 22.2954, 32.3463
YIQ	121.7200, 70.5960, 64.2280

# Conversions

## Conversions Part 2

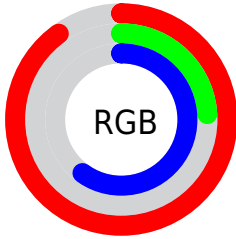
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	229, 61, 153
Decimal	15023513
CIE Lab	54.34, 70.67, -12.18
CIE LCh	54, 71.710, 350.224
Yxy	22.2954, 0.4210, 0.2362
Android (android.graphics.Color)	4293213593 (0xFFE53D99)
YUV	121.7200, 15.4210, 94.0846
Hunter-Lab	47.2180, 67.5674, -7.5636

# Details

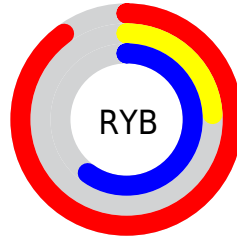
The Hex color **E53D99** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **3DE589**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF7ACF**, and **A90066** is the 20% darker color. If you saturate the color by 10%, you get **E5268F**, and if you desaturate by 10%, it is **E554A3**.

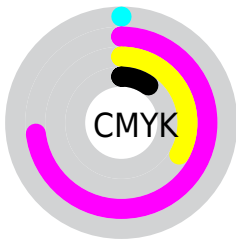
# Distribution



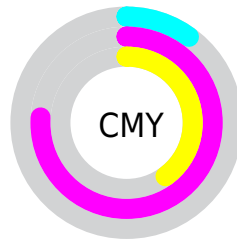
- Red (90%)
- Green (24%)
- Blue (60%)



- Red (90%)
- Yellow (24%)
- Blue (60%)



- Cyan (0%)
- Magenta (73%)
- Yellow (33%)
- Black (10%)



- Cyan (10%)
- Magenta (76%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E53D99 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 E53D99 by changing the saturation by 10% instead.



 E53D99

 E53D99

FFFFFF

 C7137F

 FF7ACF

 A90066

 FF97EC

 8B004E

 FFB5FF

 6E0037

 FFD2FF

 510022

 FFF0FF

 360008

 080000

 000000

 E53D99

 E53D99

 E5268F

 E554A3

 E50F84

 E56BAE

 E5007D

 E582B8

 E599C2

 E5B0CD

 E5C6D7

 E5DDE2

 E5F4EC

 E5FFF6

# Harmonies

## Analogous

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



B75BD2



E53D99



ED3E5B

# Triad

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



E53D99



758B00



009AE1

# Complementary

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



E53D99



3DE589

# 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.



009DAB



E53D99



0E9729

# Square

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



E53D99



AE7800



009C6B



008FFD

# Rectangle

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



E53D99



E25134



009C6B



009CD1



# Sweetspot

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



E53D99



FFC7E6



893DE5



805E71



000000



808080



# Same Dimension

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



E53D99



FF1F99



E53D45



73676E



B30062



33001C



# Inverse Universe

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



E53D99



FF1F99



3DE5DD



73676E



B30062



33001C



# Previews

## White Background



This preview shows how the Hex color E53D99 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 E53D99 Background



This preview shows how black text looks on a background with the Hex color E53D99.



This preview shows how white text looks on a background with the Hex color E53D99.

# 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**  
E05055

# Trichromacy



**Original Color**  
E53D99



**Protanomaly**  
9668B7



**Deuteranomaly**  
AA6793

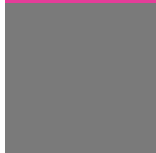


**Tritanomaly**  
E2496E

# Monochromacy



**Original Color**  
E53D99



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
A16485

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E53D99 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 #E53D99 looks like.

```
.text, #text, p{  
  color:#E53D99  
}
```

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 #E53D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E53D99
}
```

## Border

The CSS property to change the border of an element to Hex E53D99 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
#E53D99 }
```

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

```
.border{ border-color:#E53D99 }
```

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

Here you see how a box with a 4 pixel #E53D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E53D99; -webkit-box-shadow:4px 4px  
4px 4px #E53D99; box-shadow:4px 4px 4px  
4px #E53D99 }
```

# Background

The CSS property to change the background color of an element to Hex E53D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E53D99 }
```

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

```
.background{ background-color:#E53D99 }
```

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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