

# Converting Colors

Hex(E35E90)

Have a look what the booklet for  
Hex(E35E90) contains.

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# **Color**

**Hex(E35E90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E35E90
RGB	227, 94, 144
RGB Percent	89%, 37%, 56%
CMY	0.1098, 0.6314, 0.4353
CMYK	0.00, 0.59, 0.37, 0.11
HSL	337°, 70%, 63%
HSV	337°, 59%, 89%
XYZ	40.7153, 26.3499, 29.3257
YIQ	139.4670, 63.2180, 43.7460

# Conversions

## Conversions Part 2

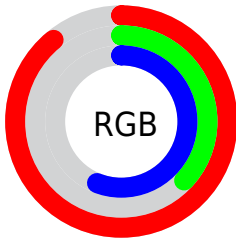
Format	Color
R <sub>YB</sub>	227, 94, 144
Decimal	14900880
CIE <sub>Lab</sub>	58.37, 56.36, -0.94
CIE <sub>LCh</sub>	58, 56.372, 359.045
Yxy	26.3499, 0.4224, 0.2734
Android (android.graphics.Color)	4293090960 (0xFFE35E90)
YUV	139.4670, 2.2348, 76.7664
Hunter-Lab	51.3322, 51.7501, 2.0606

# Details

The Hex color **E35E90** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5EE3B1**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF96C6**, and **A8235E** is the 20% darker color. If you saturate the color by 10%, you get **E34782**, and if you desaturate by 10%, it is **E3759E**.

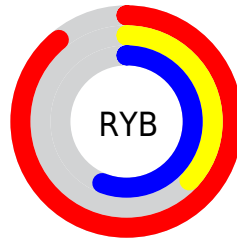
# Distribution



Red (89%)

Green (37%)

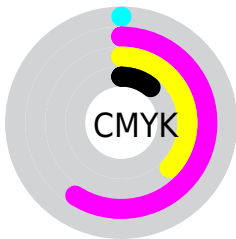
Blue (56%)



Red (89%)

Yellow (37%)

Blue (56%)

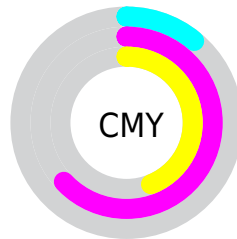


Cyan (0%)

Magenta (59%)

Yellow (37%)

Black (11%)



Cyan (11%)

Magenta (63%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E35E90 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 E35E90 by changing the saturation by 10% instead.



 E35E90

 E35E90

FFFFFF

 C54276

 FF96C6

 A8235E

 FFB2E2

 8B0046

 FFCEFE

 6E0030

 FFECFF

 52001C

 390002

 0F0000

 000000

 E35E90

 E35E90

 E34782

 E3759E

 E33174

 E38BAC

 E31A66

 E3A2BA

 E30357

 E3B9C9

 E30055

 E3D0D7

 E3E6E5

 E3FDF3

 E3FFFF

# Harmonies

## Analogous

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



C76BC0



E35E90



E3645F

# Triad

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



E35E90



76972E



009EE0

# Complementary

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



E35E90



5EE3B1

# 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.



00A3BB



E35E90



2CA057

# Square

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



E35E90



A7891F



00A489



0092EF

# Rectangle

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



E35E90



D77043



00A489



00A1D6



# Sweetspot

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



E35E90



FFD1E2



B05EE3



80636E



000000



808080



# Same Dimension

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



E35E90



FF4D90



E36E5E



73676C



B30043



330013



# Inverse Universe

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



E35E90



FF4D90



5ED3E3



73676C



B30043



330013



# Previews

## White Background



This preview shows how the Hex color E35E90 looks on a white background.

## Color Contrast Check

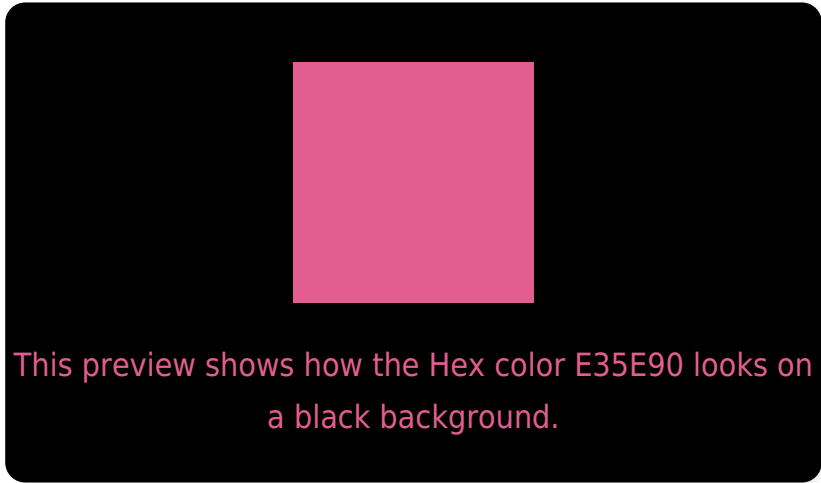
Large Text (above 18pt) WCAG AA ✓ Pass

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 E35E90 Background



This preview shows how black text looks on a background with the Hex color E35E90.




This preview shows how white text looks on a background with the Hex color E35E90.

# 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**  
E0656C

# Trichromacy



**Original Color**  
E35E90



**Protanomaly**  
A77BA2



**Deuteranomaly**  
B6798C



**Tritanomaly**  
E16279

# Monochromacy



**Original Color**  
E35E90



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
AB7B8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E35E90 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 #E35E90 looks like.

```
.text, #text, p{  
    color:#E35E90  
}
```

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 #E35E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35E90
}
```

## Border

The CSS property to change the border of an element to Hex E35E90 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
#E35E90 }
```

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

```
.border{ border-color:#E35E90 }
```

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

Here you see how a box with a 4 pixel #E35E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35E90; -webkit-box-shadow:4px 4px  
4px 4px #E35E90; box-shadow:4px 4px 4px  
4px #E35E90 }
```

# Background

The CSS property to change the background color of an element to Hex E35E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35E90 }
```

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

```
.background{ background-color:#E35E90 }
```

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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