

# Converting Colors

Hex(E35B9F)

Have a look what the booklet for  
Hex(E35B9F) contains.

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# Color

Hex(E35B9F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E35B9F
RGB	227, 91, 159
RGB Percent	89%, 36%, 62%
CMY	0.1098, 0.6431, 0.3765
CMYK	0.00, 0.60, 0.30, 0.11
HSL	330°, 71%, 62%
HSV	330°, 60%, 89%
XYZ	41.6776, 26.3163, 35.6838
YIQ	139.4160, 59.2280, 49.9800

# Conversions

## Conversions Part 2

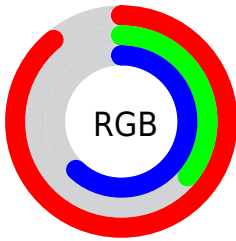
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 91, 159
Decimal	14900127
CIE Lab	58.34, 59.45, -9.72
CIE LCh	58, 60.237, 350.710
Yxy	26.3163, 0.4020, 0.2538
Android (android.graphics.Color)	4293090207 (0xFFE35B9F)
YUV	139.4160, 9.6549, 76.8112
Hunter-Lab	51.2994, 55.2465, -5.3325

# Details

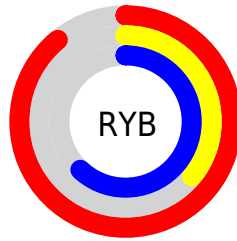
The Hex color **E35B9F** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **5BE39F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF93D6**, and **A81D6C** is the 20% darker color. If you saturate the color by 10%, you get **E34494**, and if you desaturate by 10%, it is **E372AA**.

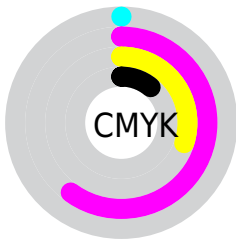
# Distribution



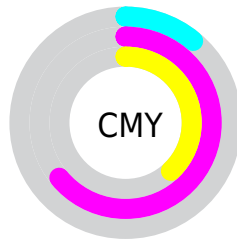
- Red (89%)
- Green (36%)
- Blue (62%)



- Red (89%)
- Yellow (36%)
- Blue (62%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (11%)



- Cyan (11%)
- Magenta (64%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E35B9F 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 E35B9F by changing the saturation by 10% instead.



 E35B9F

 E35B9F

FFFFFF

 C53E85

 FF93D6

 A81D6C

 FFAFF2

 8B0053

 FFCCFF

 6F003C

 FFE9FF

 530027

 390011

 150000

 000000

 E35B9F

 E35B9F

 E34494

 E372AA

 E32E88

 E388B6

 E3177D

 E39FC1

 E30072

 E3B6CC

 E3CDD8

 E3E3E3

 E3FAEE

 E3FFFA

 E3FFFF

# Harmonies

## Analogous

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



BC6ED0



E35B9F



EB5C6A

# Triad

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



E35B9F



84951B



00A1DD

# Complementary

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



E35B9F



5BE39F

# 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.



00A5B0



E35B9F



409F45

# Square

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



E35B9F



B58416



00A479



0097F5

# Rectangle

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



E35B9F



E1674A



00A479



00A3D0



# Sweetspot

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



E35B9F



FFD1E8



9F5BE3



806371



000000



808080



# Same Dimension

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



E35B9F



FF47A3



E35B5B



73676D



B30059



33001A



# Inverse Universe

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



E35B9F



FF47A3



5BE3E3



73676D



B30059



33001A



# Previews

## White Background



This preview shows how the Hex color E35B9F looks on a white background.

## Color Contrast Check

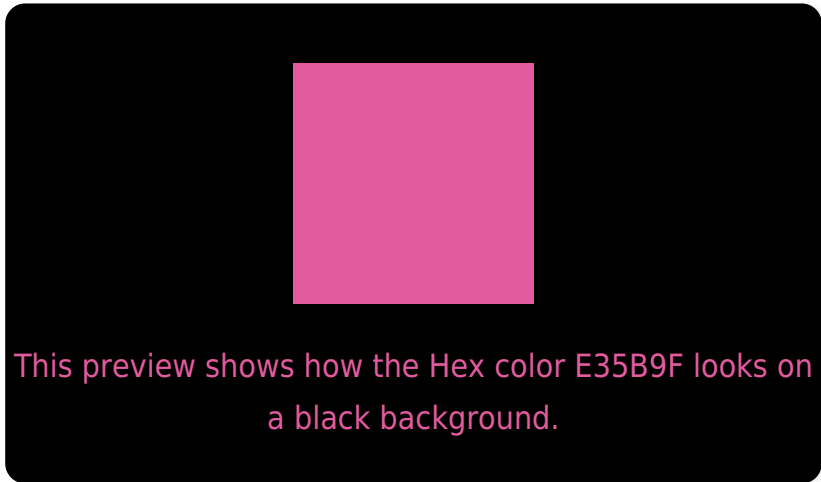
Large Text (above 18pt) WCAG AA ✓ Pass

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 E35B9F Background



This preview shows how black text looks on a background with the Hex color E35B9F.




This preview shows how white text looks on a background with the Hex color E35B9F.

# 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**  
DF666D

# Trichromacy



**Original Color**  
E35B9F



**Protanomaly**  
A27AB4



**Deuteranomaly**  
B1789B



**Tritanomaly**  
E0627F

# Monochromacy



**Original Color**  
E35B9F



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
AB7A92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E35B9F 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 #E35B9F looks like.

```
.text, #text, p{  
    color:#E35B9F  
}
```

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 #E35B9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35B9F
}
```

## Border

The CSS property to change the border of an element to Hex E35B9F 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
#E35B9F }
```

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

```
.border{ border-color:#E35B9F }
```

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

Here you see how a box with a 4 pixel #E35B9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35B9F; -webkit-box-shadow:4px 4px  
4px 4px #E35B9F; box-shadow:4px 4px 4px  
4px #E35B9F }
```

# Background

The CSS property to change the background color of an element to Hex E35B9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35B9F }
```

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

```
.background{ background-color:#E35B9F }
```

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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