

# Converting Colors

Hex(E34F9D)

Have a look what the booklet for  
Hex(E34F9D) contains.

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# Color

**Hex(E34F9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E34F9D
RGB	227, 79, 157
RGB Percent	89%, 31%, 62%
CMY	0.1098, 0.6902, 0.3843
CMYK	0.00, 0.65, 0.31, 0.11
HSL	328°, 73%, 60%
HSV	328°, 65%, 89%
XYZ	40.5603, 24.3572, 34.4619
YIQ	132.1440, 63.1700, 55.6340

# Conversions

## Conversions Part 2

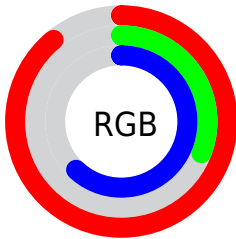
Format	Color
<a href="#">RYB</a>	<a href="#">227, 79, 157</a>
Decimal	<a href="#">14897053</a>
CIELab	<a href="#">56.44, 64.18, -11.40</a>
CIElCh	<a href="#">56, 65.183, 349.932</a>
Yxy	<a href="#">24.3572, 0.4081, 0.2451</a>
Android (android.graphics.Color)	<a href="#">4293087133 (0xFFE34F9D)</a>
YUV	<a href="#">132.1440, 12.2540, 83.1887</a>
Hunter-Lab	<a href="#">49.3530, 60.3310, -6.8536</a>

# Details

The Hex color **E34F9D** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4FE395**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF88D4**, and **A7006A** is the 20% darker color. If you saturate the color by 10%, you get **E33892**, and if you desaturate by 10%, it is **E366A8**.

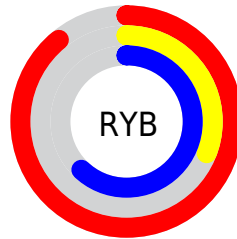
# Distribution



Red (89%)

Green (31%)

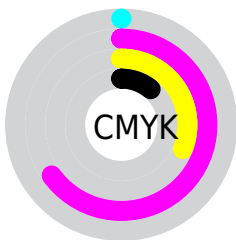
Blue (62%)



Red (89%)

Yellow (31%)

Blue (62%)

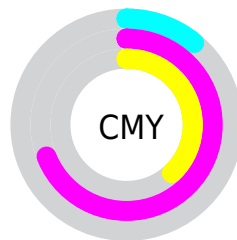


Cyan (0%)

Magenta (65%)

Yellow (31%)

Black (11%)



Cyan (11%)

Magenta (69%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E34F9D 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 E34F9D by changing the saturation by 10% instead.



 E34F9D

 E34F9D

FFFFFF

 C53083

 FF88D4

 A7006A

 FFA5F0

 8A0052

 FFC2FF

 6E003B

 FFDFFF

 510025

 FFFDFD

 37000F

 0E0000

 000000

 E34F9D

 E34F9D

 E33892

 E366A8

 E32288

 E37CB2

 E30B7D

 E393BD

 E30078

 E3AAC8

 E3C1D3

 E3D7DD

 E3EEE8

 E3FFF3

 E3FFFE

# Harmonies

## Analogous

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



B866D1



E34F9D



EC4F64

# Triad

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



E34F9D



7E9000



009EDE

# Complementary

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



E34F9D



4FE395

# 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.



00A1AC



E34F9D



329B38

# Square

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



E34F9D



B27E00



00A072



0094F7

# Rectangle

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



E34F9D



E25D41



00A072



00A0CF



# Sweetspot

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



E34F9D



FFCCE7



944FE3



806171



000000



808080



# Same Dimension

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



E34F9D



FF38A1



E34F54



73676D



B3005E



33001B



# Inverse Universe

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



E34F9D



FF38A1



4FE3DE



73676D



B3005E



33001B



# Previews

## White Background



This preview shows how the Hex color E34F9D 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 E34F9D Background



This preview shows how black text looks on a background with the Hex color E34F9D.



This preview shows how white text looks on a background with the Hex color E34F9D.

# 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**  
DE5D63

# Trichromacy



**Original Color**  
E34F9D



**Protanomaly**  
9C72B5



**Deuteranomaly**  
AE7198

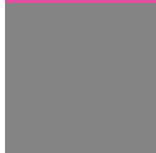


**Tritanomaly**  
E05878

# Monochromacy



**Original Color**  
E34F9D



**Achromatopsia**  
848484



**Achromatomaly**  
A7718D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E34F9D 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 #E34F9D looks like.

```
.text, #text, p{  
    color:#E34F9D  
}
```

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 #E34F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E34F9D
}
```

## Border

The CSS property to change the border of an element to Hex E34F9D 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
#E34F9D }
```

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

```
.border{ border-color:#E34F9D }
```

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

Here you see how a box with a 4 pixel #E34F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E34F9D; -webkit-box-shadow:4px 4px  
4px 4px #E34F9D; box-shadow:4px 4px 4px  
4px #E34F9D }
```

# Background

The CSS property to change the background color of an element to Hex E34F9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E34F9D }
```

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

```
.background{ background-color:#E34F9D }
```

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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