

Converting Colors

Hex(E34793)

Have a look what the booklet for
Hex(E34793) contains.

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Color

Hex(E34793)

Conversions

Conversions Part 1

Format	Color
Hex	E34793
RGB	227, 71, 147
RGB Percent	89%, 28%, 58%
CMY	0.1098, 0.7216, 0.4235
CMYK	0.00, 0.69, 0.35, 0.11
HSL	331°, 74%, 58%
HSV	331°, 69%, 89%
XYZ	39.1983, 22.9440, 29.9664
YIQ	126.3080, 68.5800, 56.7080

Conversions

Conversions Part 2

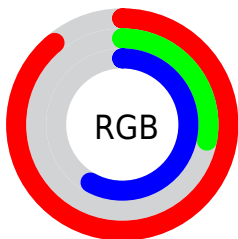
Format	Color
R _Y B	227, 71, 147
Decimal	14894995
CIE Lab	55.01, 66.08, -7.65
CIE LCh	55, 66.519, 353.392
Yxy	22.9440, 0.4256, 0.2491
Android (android.graphics.Color)	4293085075 (0xFFE34793)
YUV	126.3080, 10.2012, 88.3069
Hunter-Lab	47.8998, 62.2485, -3.5623

Details

The Hex color **E34793** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **47E397**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF82C9**, and **A70061** is the 20% darker color. If you saturate the color by 10%, you get **E33087**, and if you desaturate by 10%, it is **E35E9F**.

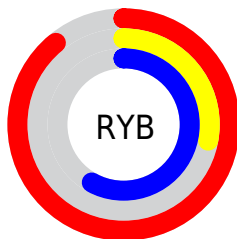
Distribution



Red (89%)

Green (28%)

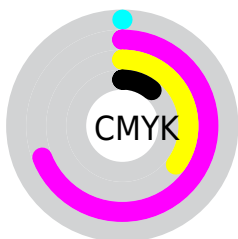
Blue (58%)



Red (89%)

Yellow (28%)

Blue (58%)

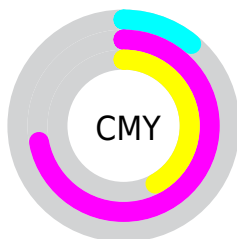


Cyan (0%)

Magenta (69%)

Yellow (35%)

Black (11%)



Cyan (11%)

Magenta (72%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color E34793 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 E34793 by changing the saturation by 10% instead.

 E34793

 E34793

FFFFFF

 C52579

 FF82C9

 A70061

 FF9EE5

 8A0049

 FFBBFF

 6D0032

 FFD9FF

 50001E

 FFF6FF

 350002

 040000

 000000

 E34793

 E34793

 E33087

 E35E9F

 E31A7C

 E374AA

 E30370

 E38BB6

 E3006F

 E3A2C2

 E3B9CD

 E3CFD9

 E3E6E4

 E3FDF0

 E3FFFC

Harmonies

Analogous

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



BC5EC9



E34793



E84B5A

Triad

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



E34793



738E00



009AE0

Complementary

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



E34793



47E397

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.



009EB0



E34793



139839

Square

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



E34793



A97D00



009D75



008EF7

Rectangle

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



E34793



DC5B36



009D75



009CD2

Sweetspot

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



E34793



FFC9E4



9547E3



80606F



000000



808080

Same Dimension

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



E34793



FF2E94



E34747



73676D



B30057



330019

Inverse Universe

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



E34793



FF2E94



47E3E3



73676D



B30057



330019

Previews

White Background



This preview shows how the Hex color E34793 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 E34793 Background



This preview shows how black text looks on a background with the Hex color E34793.



This preview shows how white text looks on a background with the Hex color E34793.

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](#).

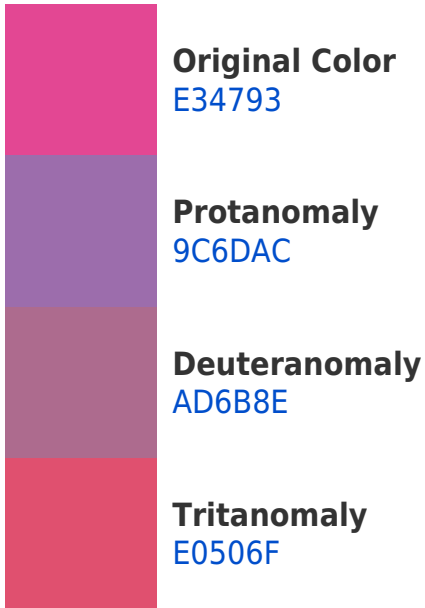
Dichromacy



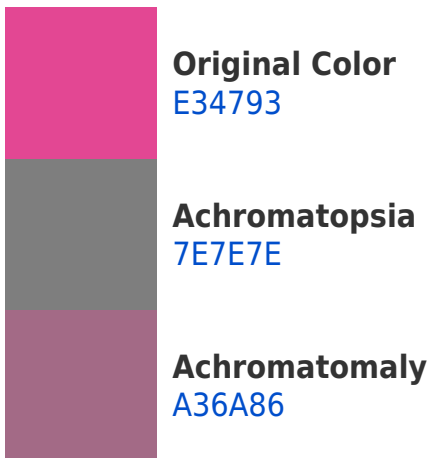


Tritanopia
DF555A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E34793 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 #E34793 looks like.

```
.text, #text, p{  
    color:#E34793  
}
```

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 #E34793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E34793
}
```

Border

The CSS property to change the border of an element to Hex E34793 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
#E34793 }
```

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

```
.border{ border-color:#E34793 }
```

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

Here you see how a box with a 4 pixel #E34793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E34793; -webkit-box-shadow:4px 4px  
4px 4px #E34793; box-shadow:4px 4px 4px  
4px #E34793 }
```

Background

The CSS property to change the background color of an element to Hex E34793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E34793 }
```

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

```
.background{ background-color:#E34793 }
```

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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