

Converting Colors

Hex(E35A8E)

Have a look what the booklet for
Hex(E35A8E) contains.

Hex(E35A8E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**E35A8E**)

Conversions

Conversions Part 1

Format	Color
Hex	E35A8E
RGB	227, 90, 142
RGB Percent	89%, 35%, 56%
CMY	0.1098, 0.6471, 0.4431
CMYK	0.00, 0.60, 0.37, 0.11
HSL	337°, 71%, 62%
HSV	337°, 60%, 89%
XYZ	40.2172, 25.5962, 28.4121
YIQ	136.8910, 64.9600, 45.2160

Conversions

Conversions Part 2

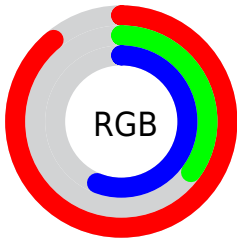
Format	Color
R_{YB}	227, 90, 142
Decimal	14899854
CIE _{Lab}	57.65, 57.91, -0.82
CIE _{LCh}	58, 57.913, 359.191
Yxy	25.5962, 0.4268, 0.2716
Android (android.graphics.Color)	4293089934 (0xFFE35A8E)
YUV	136.8910, 2.5187, 79.0256
Hunter-Lab	50.5927, 53.3562, 2.1186

Details

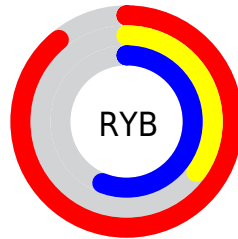
The Hex color **E35A8E** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5AE3AF**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF92C4**, and **A71D5C** is the 20% darker color. If you saturate the color by 10%, you get **E34380**, and if you desaturate by 10%, it is **E3719C**.

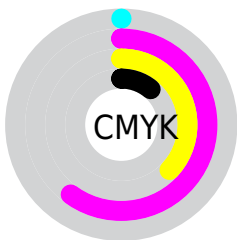
Distribution



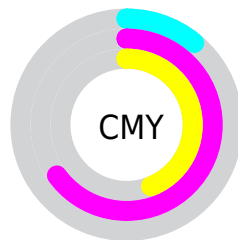
- Red (89%)
- Green (35%)
- Blue (56%)



- Red (89%)
- Yellow (35%)
- Blue (56%)



- Cyan (0%)
- Magenta (60%)
- Yellow (37%)
- Black (11%)



- Cyan (11%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color E35A8E 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 E35A8E by changing the saturation by 10% instead.

 E35A8E

 E35A8E

FFFFFF

 C53D75

 FF92C4

 A71D5C

 FFAEDF

 8A0045

 FFCBFC

 6E002E

 FFE8FF

 51001A

 380002

 0C0000

 000000

 E35A8E

 E35A8E

 E34380

 E3719C

 E32D72

 E387AA

 E31664

 E39EB8

 E30056

 E3B5C6

 E3CCD4

 E3E2E3

 E3F9F1

 E3FFFF

Harmonies

Analogous

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



C668BF



E35A8E



E3615C

Triad

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



E35A8E



739629



009DE1

Complementary

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



E35A8E



5AE3AF

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.



00A2BA



E35A8E



239E54

Square

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



E35A8E



A58818



00A287



0091F0

Rectangle

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



E35A8E



D66D3F



00A287



009FD6

Sweetspot

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



E35A8E



FFD1E3



AE5AE3



80636E



000000



808080

Same Dimension

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



E35A8E



FF478D



E36A5A



73676C



B30044



330013

Inverse Universe

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



E35A8E



FF478D



5AD3E3



73676C



B30044



330013

Previews

White Background



This preview shows how the Hex color E35A8E looks on a white background.

Color Contrast Check

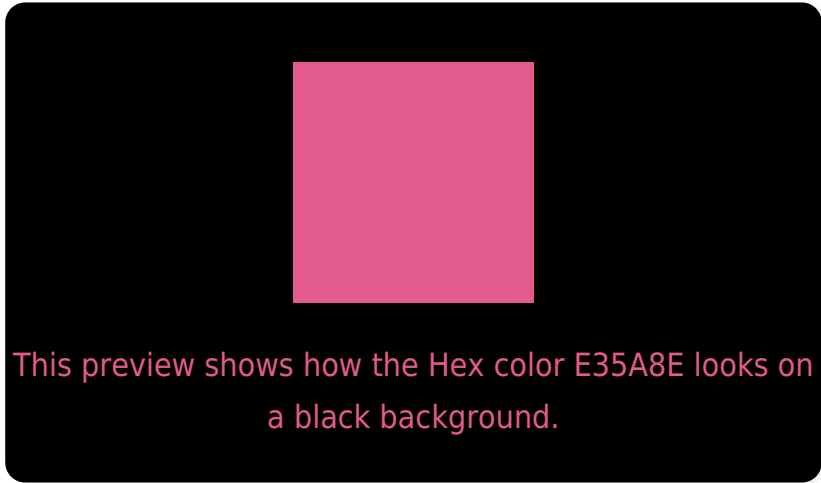
Large Text (above 18pt) WCAG AA ✓ Pass

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

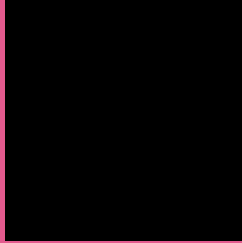
Any Text WCAG AA ✓ Pass

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 E35A8E Background



This preview shows how black text looks on a background with the Hex color E35A8E.




This preview shows how white text looks on a background with the Hex color E35A8E.

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](#).

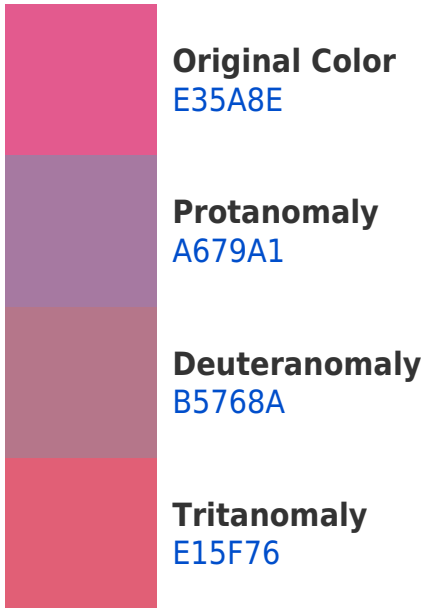
Dichromacy



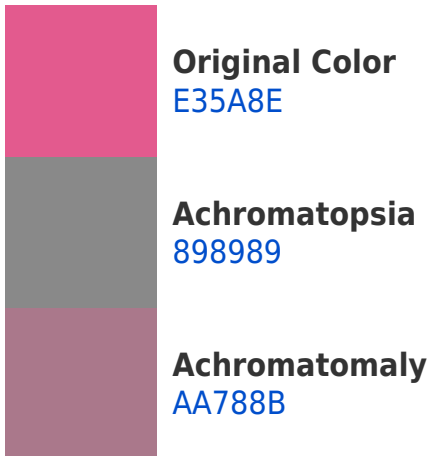


Tritanopia
E06268

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E35A8E 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 #E35A8E looks like.

```
.text, #text, p{  
    color:#E35A8E  
}
```

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 #E35A8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35A8E
}
```

Border

The CSS property to change the border of an element to Hex E35A8E 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
#E35A8E }
```

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

```
.border{ border-color:#E35A8E }
```

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

Here you see how a box with a 4 pixel #E35A8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35A8E; -webkit-box-shadow:4px 4px  
4px 4px #E35A8E; box-shadow:4px 4px 4px  
4px #E35A8E }
```

Background

The CSS property to change the background color of an element to Hex E35A8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35A8E }
```

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

```
.background{ background-color:#E35A8E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor