

Converting Colors

Hex(E35B8A)

Have a look what the booklet for
Hex(E35B8A) contains.

Hex(E35B8A)	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(E35B8A)

Conversions

Conversions Part 1

Format	Color
Hex	E35B8A
RGB	227, 91, 138
RGB Percent	89%, 36%, 54%
CMY	0.1098, 0.6431, 0.4588
CMYK	0.00, 0.60, 0.39, 0.11
HSL	339°, 71%, 62%
HSV	339°, 60%, 89%
XYZ	40.0071, 25.6480, 26.8867
YIQ	137.0220, 65.9690, 43.4490

Conversions

Conversions Part 2

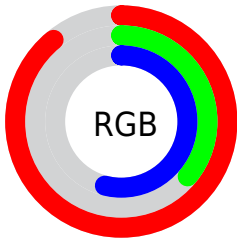
Format	Color
R _Y B	227, 91, 138
Decimal	14900106
CIE Lab	57.70, 57.04, 1.60
CIE LCh	58, 57.060, 1.604
Yxy	25.6480, 0.4323, 0.2772
Android (android.graphics.Color)	4293090186 (0xFFE35B8A)
YUV	137.0220, 0.4822, 78.9107
Hunter-Lab	50.6439, 52.3826, 3.9738

Details

The Hex color **E35B8A** 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 **5BE3B4**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF93BF**, and **A71F58** is the 20% darker color. If you saturate the color by 10%, you get **E3447B**, and if you desaturate by 10%, it is **E37299**.

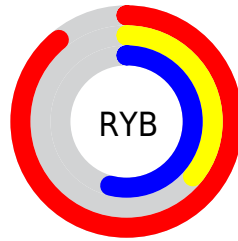
Distribution



Red (89%)

Green (36%)

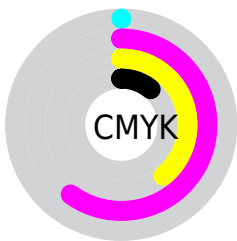
Blue (54%)



Red (89%)

Yellow (36%)

Blue (54%)

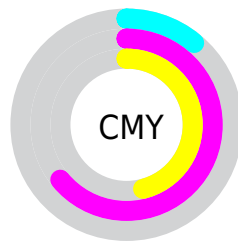


Cyan (0%)

Magenta (60%)

Yellow (39%)

Black (11%)



Cyan (11%)

Magenta (64%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color E35B8A 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 E35B8A by changing the saturation by 10% instead.

 E35B8A

 E35B8A

FFFFFF

 C53F71

 FF93BF

 A71F58

 FFAFDB

 8A0041

 FFCCF8

 6D002B

 FFE9FF

 510017

 370002

 0A0000

 000000

 E35B8A

 E35B8A

 E3447B

 E37299

 E32E6C

 E388A8

 E3175D

 E39FB7

 E3004F

 E3B6C5

 E3004E

 E3CDD4

 E3E3E3

 E3FAF2

 E3FFFF

Harmonies

Analogous

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



C967BB



E35B8A



E16359

Triad

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



E35B8A



6F972E



009CE2

Complementary

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



E35B8A



5BE3B4

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.



00A2BE



E35B8A



199F59

Square

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



E35B8A



A2891A



00A28C



008FEF

Rectangle

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



E35B8A



D36F3D



00A28C



009ED8

Sweetspot

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



E35B8A



FFD1E1



B35BE3



80636D



000000



808080

Same Dimension

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



E35B8A



FF4787



E36F5B



73676B



B3003E



330012

Inverse Universe

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



E35B8A



FF4787



5BCFE3



73676B



B3003E



330012

Previews

White Background



This preview shows how the Hex color E35B8A looks on a white background.

Color Contrast Check

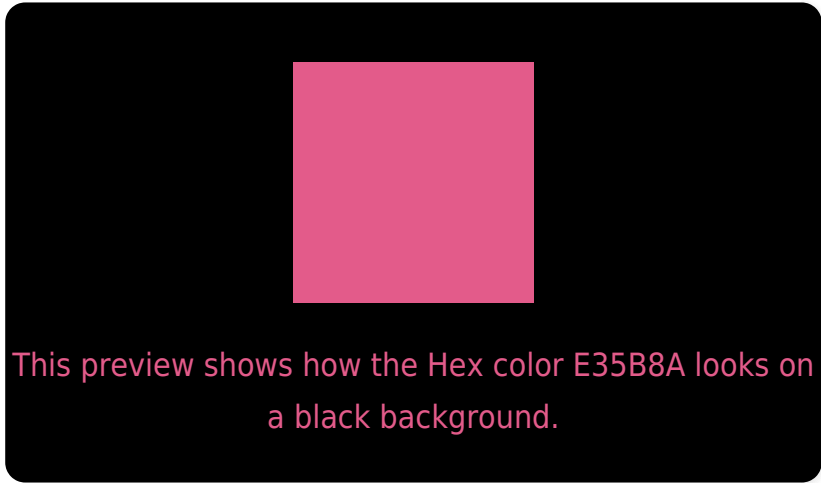
Large Text (above 18pt) WCAG AA ✓ Pass

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 E35B8A Background



This preview shows how black text looks on a background with the Hex color E35B8A.

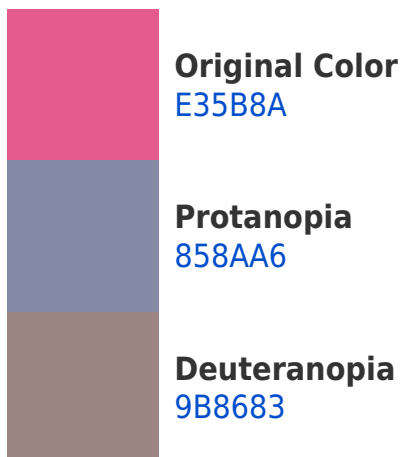



This preview shows how white text looks on a background with the Hex color E35B8A.

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
E16268

Trichromacy



Original Color
E35B8A



Protanomaly
A7799C



Deuteranomaly
B57686

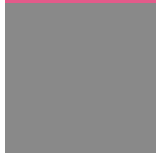


Tritanomaly
E25F74

Monochromacy



Original Color
E35B8A



Achromatopsia
898989



Achromatomaly
AA7889

CSS Examples

Text

The CSS property to change the color of the text to Hex E35B8A 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 #E35B8A looks like.

```
.text, #text, p{  
    color:#E35B8A  
}
```

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 #E35B8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35B8A
}
```

Border

The CSS property to change the border of an element to Hex E35B8A 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
#E35B8A }
```

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

```
.border{ border-color:#E35B8A }
```

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

Here you see how a box with a 4 pixel #E35B8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35B8A; -webkit-box-shadow:4px 4px  
4px 4px #E35B8A; box-shadow:4px 4px 4px  
4px #E35B8A }
```

Background

The CSS property to change the background color of an element to Hex E35B8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35B8A }
```

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

```
.background{ background-color:#E35B8A }
```

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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