

Converting Colors

Hex(8E306D)

Have a look what the booklet for
Hex(8E306D) contains.

Hex(8E306D)	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(8E306D)

Conversions

Conversions Part 1

Format	Color
Hex	8E306D
RGB	142, 48, 109
RGB Percent	56%, 19%, 43%
CMY	0.4431, 0.8118, 0.5725
CMYK	0.00, 0.66, 0.23, 0.44
HSL	321°, 49%, 37%
HSV	321°, 66%, 56%
XYZ	14.9726, 8.9688, 15.4100
YIQ	83.0600, 36.4430, 38.8990

Conversions

Conversions Part 2

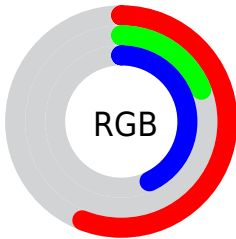
Format	Color
R_{YB}	142, 48, 109
Decimal	9318509
CIE _{Lab}	35.92, 46.23, -14.70
CIE _{LCh}	36, 48.507, 342.357
Yxy	8.9688, 0.3805, 0.2279
Android (android.graphics.Color)	4287508589 (0xFF8E306D)
YUV	83.0600, 12.7884, 51.6904
Hunter-Lab	29.9480, 36.8327, -9.5446

Details

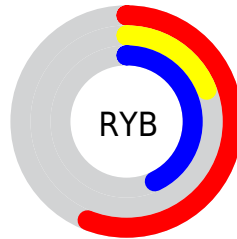
The Hex color **8E306D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **308E51**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **C665A1**, and **58003D** is the 20% darker color. If you saturate the color by 10%, you get **8E2268**, and if you desaturate by 10%, it is **8E3E72**.

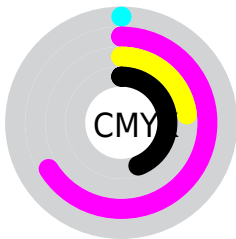
Distribution



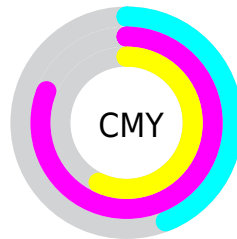
- Red (56%)
- Green (19%)
- Blue (43%)



- Red (56%)
- Yellow (19%)
- Blue (43%)



- Cyan (0%)
- Magenta (66%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (81%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E306D 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 8E306D by changing the saturation by 10% instead.

8E306D

8E306D

FFFFFF

731255

C665A1

58003D

E37FBC

3E0027

FF9AD7

270012

FFB6F4

000000

FFD2FF

FFEFFF

8E306D

8E306D

8E2268

8E3E72

■ 8E1463

■ 8E4C77

■ 8E055E

■ 8E5B7C

■ 8E005C

■ 8E6981

■ 8E7786

■ 8E858B

■ 8E9390

■ 8EA295

■ 8EB09A

Harmonies

Analogous

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



6A428E



8E306D



992B46

Triad

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



8E306D



585800



006588

Complementary

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



8E306D



308E51

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.



006664



8E306D



2B6014

Square

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



8E306D



794A00



00653B



005F9F

Rectangle

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



8E306D



95332D



00653B



00667D

Sweetspot

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



8E306D



B893AB



51308E



5C4654



DBDBDB



5C5C5C

Same Dimension

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



8E306D



B82785



8E303E



474045



870058



080005

Inverse Universe

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



8E306D



B82785



308E80



474045



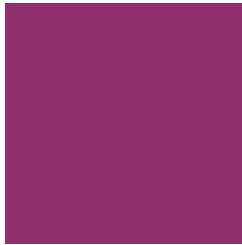
870058



080005

Previews

White Background



This preview shows how the Hex color 8E306D looks on a white background.

Color Contrast Check

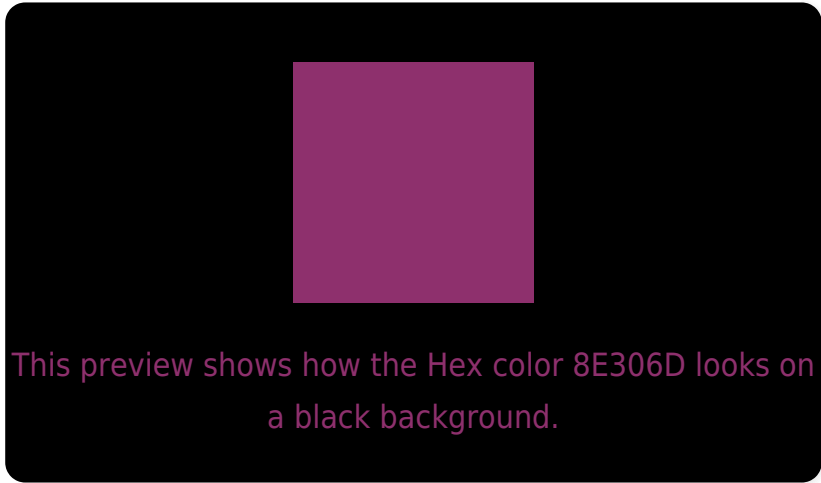
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

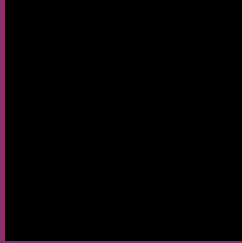
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8E306D Background



This preview shows how black text looks on a background with the Hex color 8E306D.

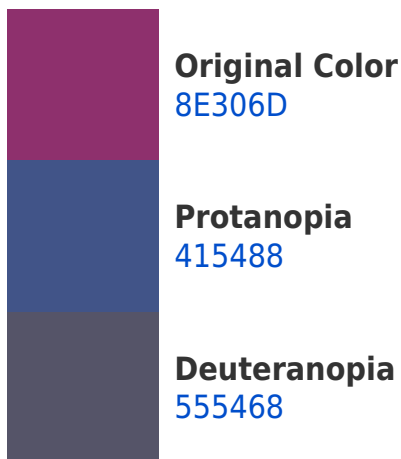



This preview shows how white text looks on a background with the Hex color 8E306D.

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
8A3C40

Trichromacy



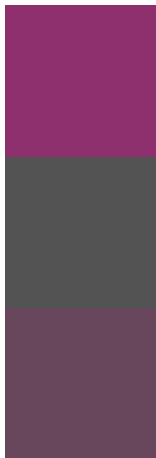
Original Color
8E306D

Protanomaly
5D477E

Deuteranomaly
6A476A

Tritanomaly
8B3850

Monochromacy



Original Color
8E306D

Achromatopsia
535353

Achromatomaly
68465C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E306D 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 #8E306D looks like.

```
.text, #text, p{  
    color:#8E306D  
}
```

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 #8E306D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E306D
}
```

Border

The CSS property to change the border of an element to Hex 8E306D is called "border". The border property can be set on classes, ids or directly on the HTML element.

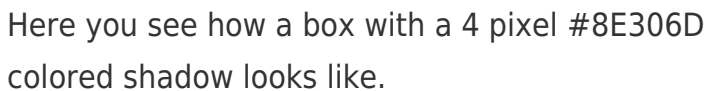
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E306D }
```

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

```
.border{ border-color:#8E306D }
```

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



Here you see how a box with a 4 pixel #8E306D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E306D; -webkit-box-shadow:4px 4px  
4px 4px #8E306D; box-shadow:4px 4px 4px  
4px #8E306D }
```

Background

The CSS property to change the background color of an element to Hex 8E306D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E306D }
```

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

```
.background{ background-color:#8E306D }
```

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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