

# Converting Colors

Hex(8B336D)

Have a look what the booklet for  
Hex(8B336D) contains.

<b>Hex(8B336D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8B336D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B336D
RGB	139, 51, 109
RGB Percent	55%, 20%, 43%
CMY	0.4549, 0.8000, 0.5725
CMYK	0.00, 0.63, 0.22, 0.45
HSL	320°, 46%, 37%
HSV	320°, 63%, 55%
XYZ	14.5916, 8.9607, 15.4285
YIQ	83.9240, 33.8300, 36.6940

# Conversions

## Conversions Part 2

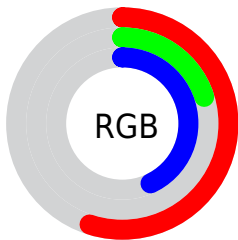
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 51, 109
Decimal	9122669
CIE <sub>Lab</sub>	35.91, 43.98, -14.77
CIE <sub>LCh</sub>	36, 46.397, 341.437
Yxy	8.9607, 0.3743, 0.2299
Android (android.graphics.Color)	4287312749 (0xFF8B336D)
YUV	83.9240, 12.3625, 48.3017
Hunter-Lab	29.9345, 34.6246, -9.6045

# Details

The Hex color **8B336D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **338B51**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **C367A1**, and **56003D** is the 20% darker color. If you saturate the color by 10%, you get **8B2568**, and if you desaturate by 10%, it is **8B4172**.

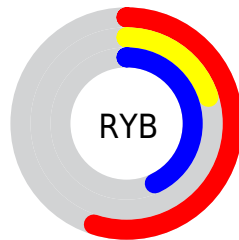
# Distribution



Red (55%)

Green (20%)

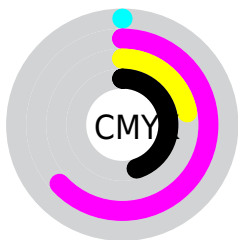
Blue (43%)



Red (55%)

Yellow (20%)

Blue (43%)

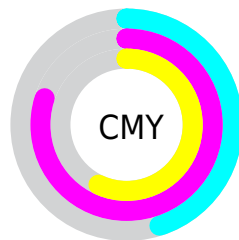


Cyan (0%)

Magenta (63%)

Yellow (22%)

Black (45%)



Cyan (45%)

Magenta (80%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B336D 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 8B336D by changing the saturation by 10% instead.



8B336D

8B336D

FFFFFF

701755

C367A1

56003D

E081BC

3C0027

FD9CD7

250012

FFB8F4

000000

FFD4FF

FFF1FF

8B336D

8B336D

8B2568

8B4172

 8B1764

 8B4F76

 8B095F

 8B5D7B

 8B005C

 8B6B80

 8B7985

 8B8689

 8B948E

 8BA293

 8BB098

# Harmonies

## Analogous

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



68448D



8B336D



972E48

# Triad

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



8B336D



595700



006485

# Complementary

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



8B336D



338B51

# 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.



006662



8B336D



2F6017

# Square

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



8B336D



794A03



00643B



005F9B

# Rectangle

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



8B336D



933530



00643B



00657A



# Sweetspot

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



8B336D



B593A9



50338B



5C4755



DBDBDB



5C5C5C



# Same Dimension

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



8B336D



B52B86



8B3342



453E43



850057



050003



# Inverse Universe

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



8B336D



B52B86



338B7C



453E43



850057



050003



# Previews

## White Background



This preview shows how the Hex color 8B336D looks on a white background.

## Color Contrast Check

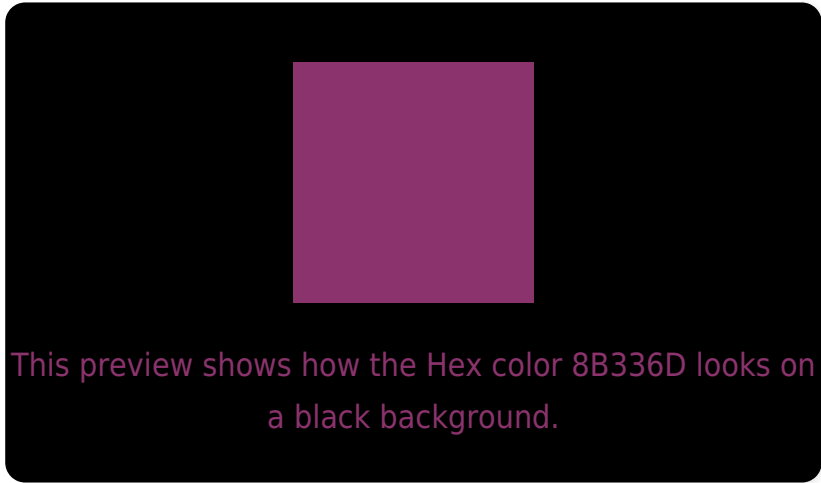
Large Text (above 18pt) WCAG AA ✓ Pass

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

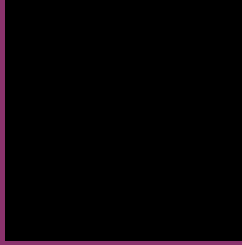
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B336D Background



This preview shows how black text looks on a background with the Hex color 8B336D.



This preview shows how white text looks on a background with the Hex color 8B336D.

# 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



**Original Color**  
8B336D

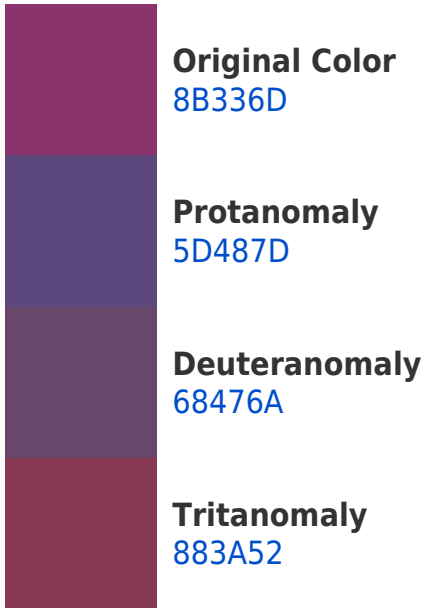
**Protanopia**  
435486

**Deuteranopia**  
545368

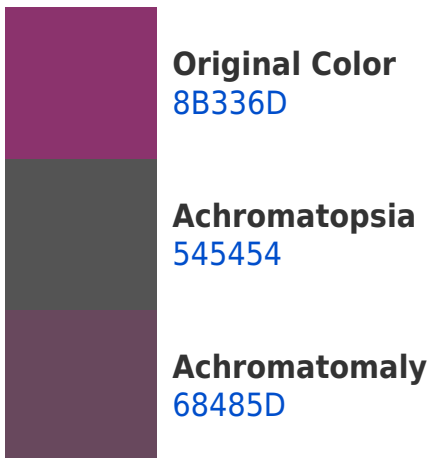


**Tritanopia**  
873E42

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B336D 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 #8B336D looks like.

```
.text, #text, p{  
    color:#8B336D  
}
```

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 #8B336D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B336D
}
```

## Border

The CSS property to change the border of an element to Hex 8B336D is called "border". The border property can be set on classes, ids or directly on the HTML element.

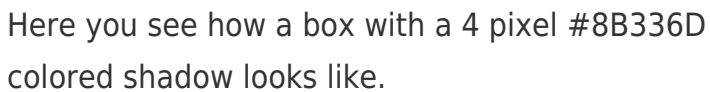
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B336D }
```

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

```
.border{ border-color:#8B336D }
```

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



Here you see how a box with a 4 pixel #8B336D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B336D; -webkit-box-shadow:4px 4px  
4px 4px #8B336D; box-shadow:4px 4px 4px  
4px #8B336D }
```

# Background

The CSS property to change the background color of an element to Hex 8B336D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B336D }
```

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

```
.background{ background-color:#8B336D }
```

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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