

Converting Colors

Hex(8B337D)

Have a look what the booklet for
Hex(8B337D) contains.

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Color

Hex(8B337D)

Conversions

Conversions Part 1

Format	Color
Hex	8B337D
RGB	139, 51, 125
RGB Percent	55%, 20%, 49%
CMY	0.4549, 0.8000, 0.5098
CMYK	0.00, 0.63, 0.10, 0.45
HSL	310°, 46%, 37%
HSV	310°, 63%, 55%
XYZ	15.5330, 9.3373, 20.3856
YIQ	85.7480, 28.6940, 41.6700

Conversions

Conversions Part 2

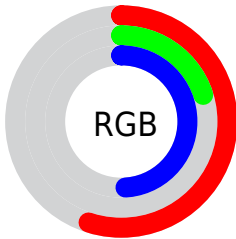
Format	Color
R_{YB}	139, 51, 125
Decimal	9122685
CIE _{Lab}	36.63, 46.53, -23.68
CIE _{LCh}	37, 52.209, 333.026
Yxy	9.3373, 0.3432, 0.2063
Android (android.graphics.Color)	4287312765 (0xFF8B337D)
YUV	85.7480, 19.3512, 46.7020
Hunter-Lab	30.5570, 37.2618, -18.1646

Details

The Hex color **8B337D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **338B41**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **C367B2**, and **56004C** is the 20% darker color. If you saturate the color by 10%, you get **8B257B**, and if you desaturate by 10%, it is **8B417F**.

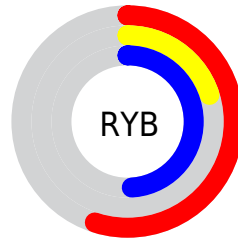
Distribution



Red (55%)

Green (20%)

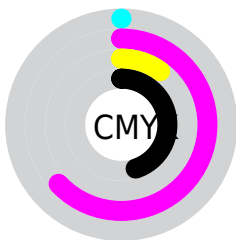
Blue (49%)



Red (55%)

Yellow (20%)

Blue (49%)

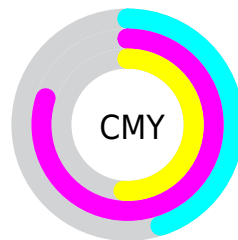


Cyan (0%)

Magenta (63%)

Yellow (10%)

Black (45%)



Cyan (45%)

Magenta (80%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B337D 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 8B337D by changing the saturation by 10% instead.

8B337D

8B337D

FFFFFF

701764

C367B2

56004C

E082CD

3C0035

FD9DEA

25001F

FFB9FF

000002

FFD5FF

000000

FFF2FF

8B337D

8B337D

8B257B

8B417F

8B1779

8B4F81

8B0976

8B5D84

8B0075

8B6B86

8B7988

8B868A

8B948C

8BA28F

8BB091

Harmonies

Analogous

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



5A499D



8B337D



9F2654

Triad

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



8B337D



655600



006883

Complementary

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



8B337D



338B41

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.



006959



8B337D



3A6000

Square

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



8B337D



864500



00662E



0064A1

Rectangle

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



8B337D



9F2B38



00662E



006976

Sweetspot

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



8B337D



B593B0



40338B



5C4758



DBDBDB



5C5C5C

Same Dimension

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



8B337D



B52B9F



8B3352



453E44



850070



050004

Inverse Universe

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



8B337D



B52B9F



338B6C



453E44



850070



050004

Previews

White Background



This preview shows how the Hex color 8B337D looks on a white background.

Color Contrast Check

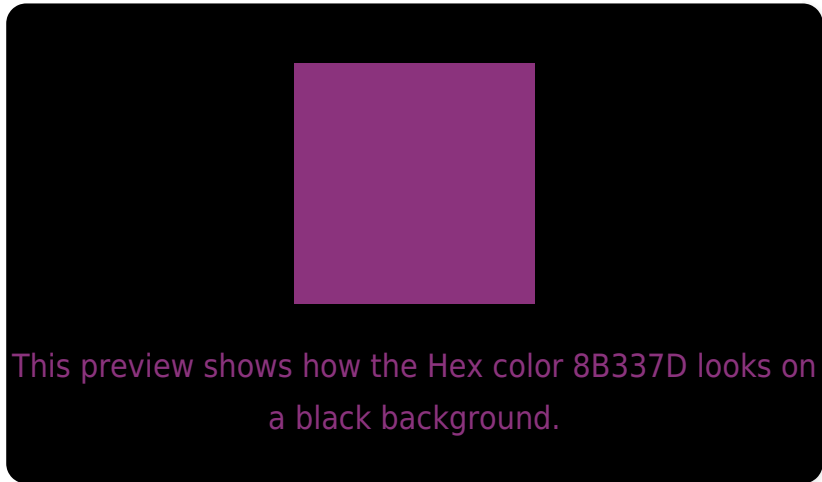
Large Text (above 18pt) WCAG AA ✓ Pass

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

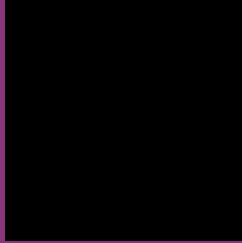
Any Text WCAG AA × Fail

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 8B337D Background



This preview shows how black text looks on a background with the Hex color 8B337D.

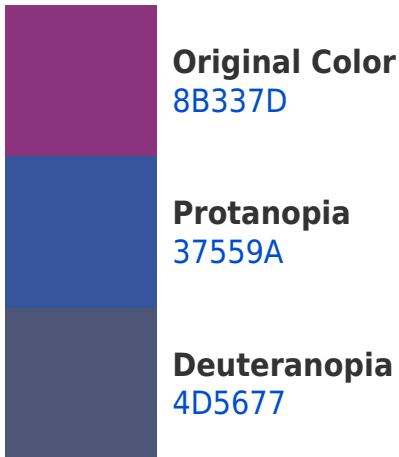


This preview shows how white text looks on a background with the Hex color 8B337D.

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
854247

Trichromacy



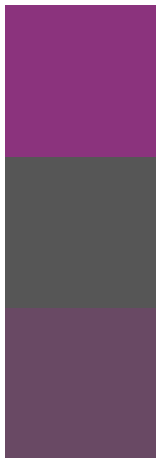
Original Color
8B337D

Protanomaly
56498F

Deuteranomaly
644979

Tritanomaly
873D5B

Monochromacy



Original Color
8B337D

Achromatopsia
565656

Achromatomaly
694964

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B337D 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 #8B337D looks like.

```
.text, #text, p{  
    color:#8B337D  
}
```

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 #8B337D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B337D
}
```

Border

The CSS property to change the border of an element to Hex 8B337D is called "border". The border property can be set on classes, ids or directly on the HTML element.

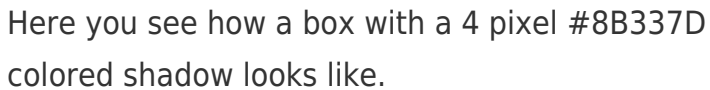
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B337D }
```

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

```
.border{ border-color:#8B337D }
```

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



Here you see how a box with a 4 pixel #8B337D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B337D; -webkit-box-shadow:4px 4px  
4px 4px #8B337D; box-shadow:4px 4px 4px  
4px #8B337D }
```

Background

The CSS property to change the background color of an element to Hex 8B337D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B337D }
```

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

```
.background{ background-color:#8B337D }
```

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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