

Converting Colors

Hex(87334D)

Have a look what the booklet for
Hex(87334D) contains.

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Color

Hex(87334D)

Conversions

Conversions Part 1

Format	Color
Hex	87334D
RGB	135, 51, 77
RGB Percent	53%, 20%, 30%
CMY	0.4706, 0.8000, 0.6980
CMYK	0.00, 0.62, 0.43, 0.47
HSL	341°, 45%, 36%
HSV	341°, 62%, 53%
XYZ	12.5151, 8.0544, 7.9162
YIQ	79.0800, 41.7180, 25.8940

Conversions

Conversions Part 2

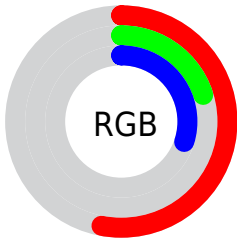
Format	Color
R_{YB}	135, 51, 77
Decimal	8860493
CIE _{Lab}	34.10, 38.44, 2.90
CIE _{LCh}	34, 38.550, 4.312
Yxy	8.0544, 0.4393, 0.2828
Android (android.graphics.Color)	4287050573 (0xFF87334D)
YUV	79.0800, -1.0254, 49.0418
Hunter-Lab	28.3802, 29.0492, 3.3282

Details

The Hex color **87334D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **33876D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **BF667E**, and **510021** is the 20% darker color. If you saturate the color by 10%, you get **872544**, and if you desaturate by 10%, it is **874156**.

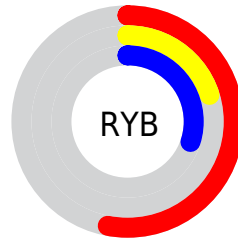
Distribution



Red (53%)

Green (20%)

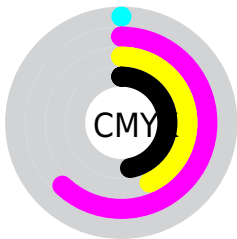
Blue (30%)



Red (53%)

Yellow (20%)

Blue (30%)

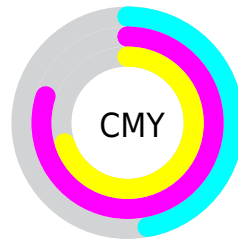


Cyan (0%)

Magenta (62%)

Yellow (43%)

Black (47%)



Cyan (47%)

Magenta (80%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87334D 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 87334D by changing the saturation by 10% instead.

 87334D

 87334D

FFFFFF

 6C1936

 BF667E

 510021

 DC8098

 38000A

 FA9BB2

 1A0001

 FFB6CE

 000000

 FFD2EA

 FFEFFF

 87334D

 87334D

 872544

 874156

87183A

874E60

870A31

875C69

87002A

876972

87777C

878485

87928E

879F98

87ACA1

Harmonies

Analogous

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



79396B



87334D



85392F

Triad

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



87334D



3C5819



005A87

Complementary

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



87334D



33876D

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.



005E72



87334D



005D34

Square

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



87334D



5C500B



005F54



08528D

Rectangle

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



87334D



7B411E



005F54



005C81

Sweetspot

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



87334D



B08F99



6C3387



59454B



D9D9D9



595959

Same Dimension

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



87334D



B02C55



874233



423C3E



820028



030001

Inverse Universe

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



87334D



B02C55



337887



423C3E



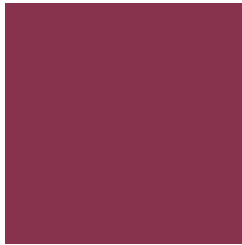
820028



030001

Previews

White Background



This preview shows how the Hex color 87334D looks on a white background.

Color Contrast Check

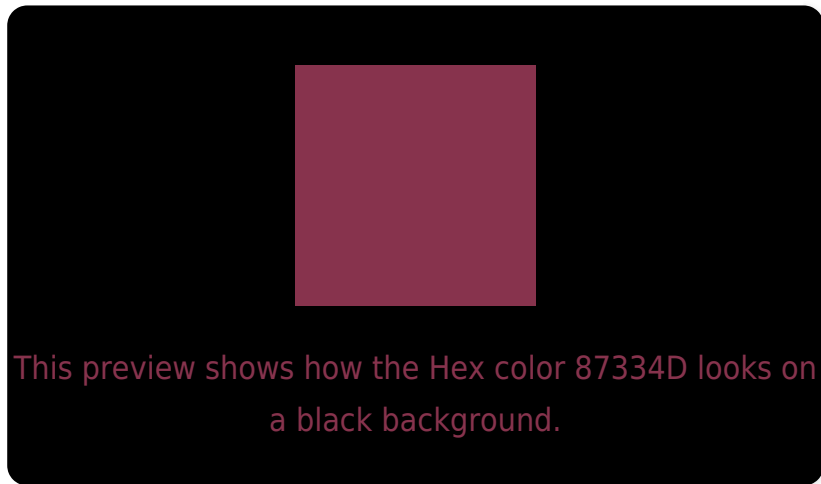
Large Text (above 18pt) WCAG AA ✓ Pass

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

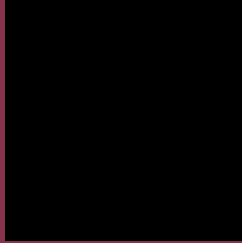
Any Text WCAG AA × Fail

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 87334D Background



This preview shows how black text looks on a background with the Hex color 87334D.



This preview shows how white text looks on a background with the Hex color 87334D.

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
87334D

Protanopia
4F505E

Deuteranopia
5C4E49



Tritanopia
86373A

Trichromacy



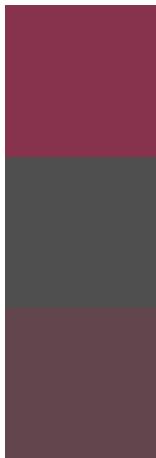
Original Color
87334D

Protanomaly
634558

Deuteranomaly
6C444A

Tritanomaly
863641

Monochromacy



Original Color
87334D

Achromatopsia
4F4F4F

Achromatomaly
63454E

CSS Examples

Text

The CSS property to change the color of the text to Hex 87334D 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 #87334D looks like.

```
.text, #text, p{  
    color:#87334D  
}
```

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 #87334D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87334D
}
```

Border

The CSS property to change the border of an element to Hex 87334D is called "border". The border property can be set on classes, ids or directly on the HTML element.

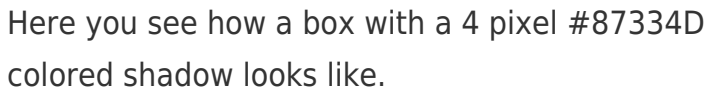
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87334D }
```

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

```
.border{ border-color:#87334D }
```

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



Here you see how a box with a 4 pixel #87334D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87334D; -webkit-box-shadow:4px 4px  
4px 4px #87334D; box-shadow:4px 4px 4px  
4px #87334D }
```

Background

The CSS property to change the background color of an element to Hex 87334D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87334D }
```

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

```
.background{ background-color:#87334D }
```

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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