

Converting Colors

Hex(87537A)

Have a look what the booklet for
Hex(87537A) contains.

Hex(87537A)	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(87537A)

Conversions

Conversions Part 1

Format	Color
Hex	87537A
RGB	135, 83, 122
RGB Percent	53%, 33%, 48%
CMY	0.4706, 0.6745, 0.5216
CMYK	0.00, 0.39, 0.10, 0.47
HSL	315°, 24%, 43%
HSV	315°, 39%, 53%
XYZ	16.5978, 12.7426, 19.9971
YIQ	102.9940, 18.4730, 23.1530

Conversions

Conversions Part 2

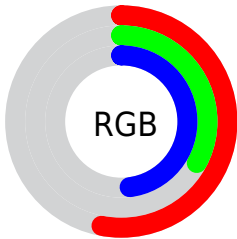
Format	Color
R_{YB}	135, 83, 122
Decimal	8868730
CIE _{Lab}	42.37, 27.87, -13.04
CIE _{LCh}	42, 30.767, 334.921
Yxy	12.7426, 0.3364, 0.2583
Android (android.graphics.Color)	4287058810 (0xFF87537A)
YUV	102.9940, 9.3700, 28.0693
Hunter-Lab	35.6967, 20.5273, -8.2263

Details

The Hex color **87537A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **538760**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **BD86AE**, and **542449** is the 20% darker color. If you saturate the color by 10%, you get **874677**, and if you desaturate by 10%, it is **87617D**.

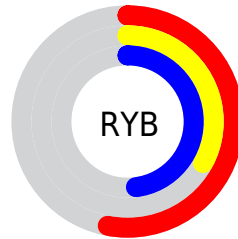
Distribution



Red (53%)

Green (33%)

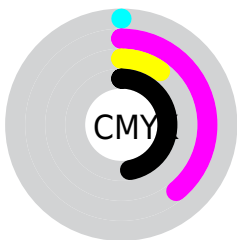
Blue (48%)



Red (53%)

Yellow (33%)

Blue (48%)

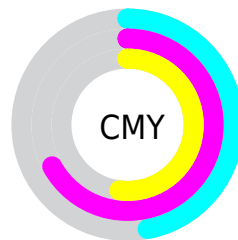


Cyan (0%)

Magenta (39%)

Yellow (10%)

Black (47%)



Cyan (47%)

Magenta (67%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87537A 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 87537A by changing the saturation by 10% instead.



87537A



87537A

FFFFFF



6D3B61



BD86AE



542449



D9A0CA



3C0C33



F6BBE6



27001E



FFD7FF



000000



FFF4FF



87537A



87537A



874677



87617D



873873



876E81

872B70

877B84

871D6D

878988

871069

87968B

870266

87A48E

870065

87B292

87BF95

87CD98

Harmonies

Analogous

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



6C5C8E



87537A



944F61

Triad

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



87537A



706430



007080

Complementary

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



87537A



538760

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.



007168



87537A



556B39

Square

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



87537A



855B36



346F4E



006C91

Rectangle

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



87537A



945150



346F4E



007179

Sweetspot

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



87537A



B09BAB



605387



594D56



D9D9D9



595959

Same Dimension

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



87537A



B05F9C



875360



423C41



820062



030002

Inverse Universe

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



87537A



B05F9C



53877A



423C41



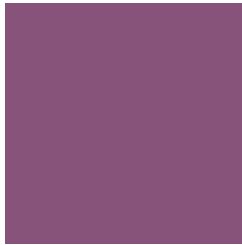
820062



030002

Previews

White Background



This preview shows how the Hex color 87537A looks on a white background.

Color Contrast Check

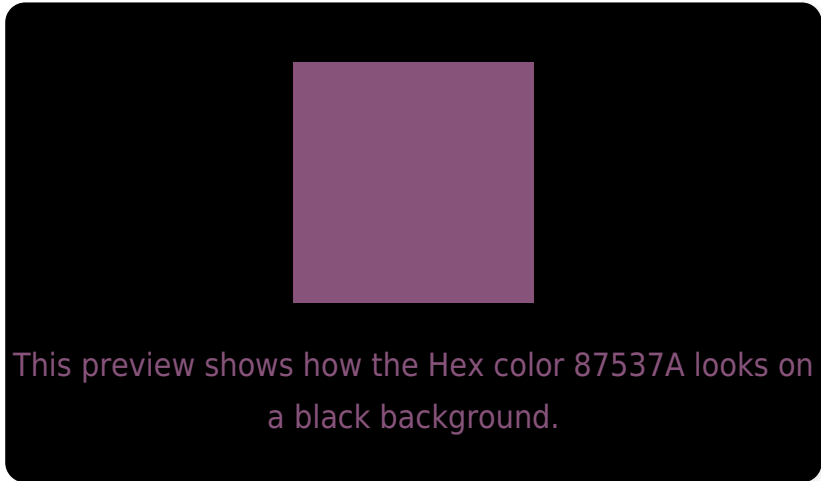
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 87537A Background



This preview shows how black text looks on a background with the Hex color 87537A.




This preview shows how white text looks on a background with the Hex color 87537A.

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
84585F

Trichromacy



Original Color
87537A

Protanomaly
6B5D82

Deuteranomaly
715D78

Tritanomaly
855669

Monochromacy



Original Color
87537A

Achromatopsia
676767

Achromatomaly
73606E

CSS Examples

Text

The CSS property to change the color of the text to Hex 87537A 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 #87537A looks like.

```
.text, #text, p{  
    color:#87537A  
}
```

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 #87537A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87537A
}
```

Border

The CSS property to change the border of an element to Hex 87537A is called "border". The border property can be set on classes, ids or directly on the HTML element.

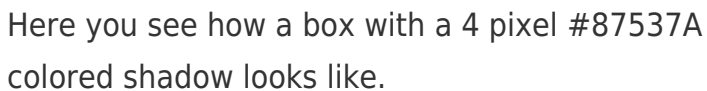
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87537A }
```

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

```
.border{ border-color:#87537A }
```

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



Here you see how a box with a 4 pixel #87537A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87537A; -webkit-box-shadow:4px 4px  
4px 4px #87537A; box-shadow:4px 4px 4px  
4px #87537A }
```

Background

The CSS property to change the background color of an element to Hex 87537A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87537A }
```

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

```
.background{ background-color:#87537A }
```

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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