

Converting Colors

Hex(87677D)

Have a look what the booklet for
Hex(87677D) contains.

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Color

Hex(87677D)

Conversions

Conversions Part 1

Format	Color
Hex	87677D
RGB	135, 103, 125
RGB Percent	53%, 40%, 49%
CMY	0.4706, 0.5961, 0.5098
CMYK	0.00, 0.24, 0.07, 0.47
HSL	319°, 13%, 47%
HSV	319°, 24%, 53%
XYZ	18.5436, 16.3321, 21.5771
YIQ	115.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

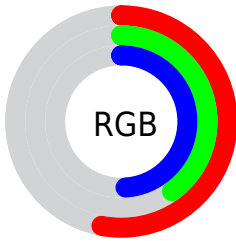
Format	Color
R_{YB}	135, 103, 125
Decimal	8873853
CIE _{Lab}	47.41, 16.69, -7.28
CIE _{LCh}	47, 18.206, 336.431
Yxy	16.3321, 0.3285, 0.2893
Android (android.graphics.Color)	4287063933 (0xFF87677D)
YUV	115.0760, 4.8925, 17.4733
Hunter-Lab	40.4129, 11.1826, -3.3668

Details

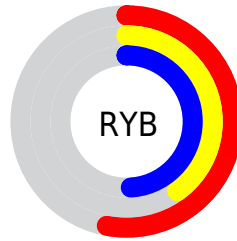
The Hex color **87677D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **678771**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **BD9AB2**, and **55384C** is the 20% darker color. If you saturate the color by 10%, you get **875A79**, and if you desaturate by 10%, it is **877581**.

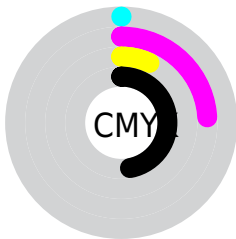
Distribution



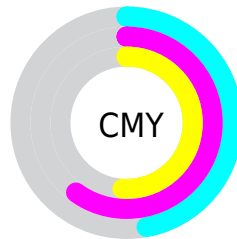
- Red (53%)
- Green (40%)
- Blue (49%)



- Red (53%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87677D 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 87677D by changing the saturation by 10% instead.

87677D

87677D

FFFFFF

6D4F64

BD9AB2

55384C

D9B5CD

3D2235

F5D1E9

270D20

FFEDFF

0B0007

000000

87677D

87677D

875A79

877581

874C75

878285

873F70

87908A

87316C

879D8E

872468

87AB92

871664

87B896

87095F

87C69B

87005D

87D39F

87E1A3

Harmonies

Analogous

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



776B89



87677D



8F656E

Triad

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



87677D



787152



447882

Complementary

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



87677D



678771

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.



487973



87677D



687557

Square

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



87677D



866B55



567864



4E758C

Rectangle

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



87677D



906664



567864



44797D

Sweetspot

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



87677D



B0A4AC



716787



595257



D9D9D9



595959

Same Dimension

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



87677D



B07FA1



87676D



423C40



820059



030002

Inverse Universe

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



87677D



B07FA1



678781



423C40



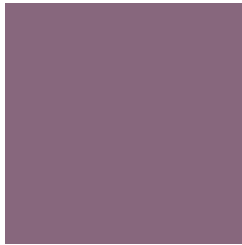
820059



030002

Previews

White Background



This preview shows how the Hex color 87677D looks on a white background.

Color Contrast Check

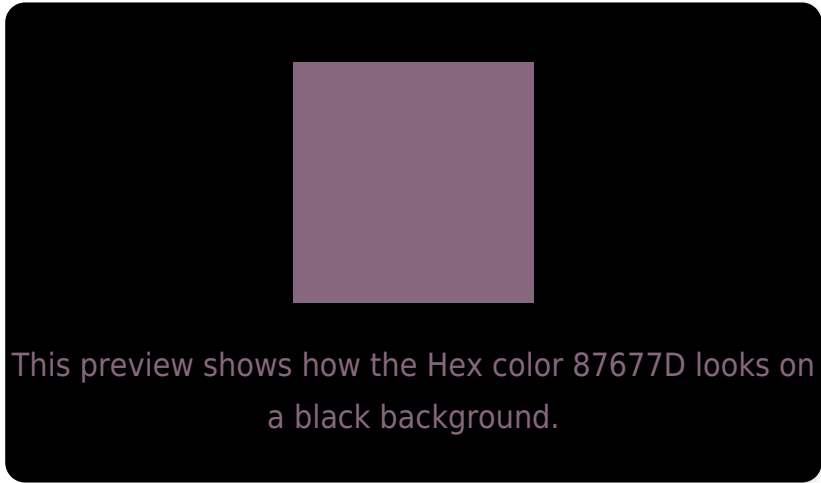
Large Text (above 18pt) WCAG AA ✓ Pass

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

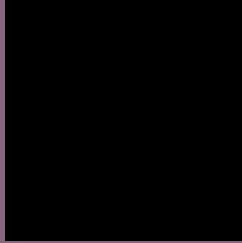
Any Text WCAG AA × Fail

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 87677D Background



This preview shows how black text looks on a background with the Hex color 87677D.



This preview shows how white text looks on a background with the Hex color 87677D.

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
87677D

Protanopia
6D7083

Deuteranopia
766E7C



Tritanopia
856971

Trichromacy



Original Color
87677D

Protanomaly
766D81

Deuteranomaly
7C6B7C

Tritanomaly
866875

Monochromacy



Original Color
87677D

Achromatopsia
737373

Achromatomaly
7A6F77

CSS Examples

Text

The CSS property to change the color of the text to Hex 87677D 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 #87677D looks like.

```
.text, #text, p{  
    color:#87677D  
}
```

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 #87677D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87677D
}
```

Border

The CSS property to change the border of an element to Hex 87677D 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
#87677D }
```

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

```
.border{ border-color:#87677D }
```

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

Here you see how a box with a 4 pixel #87677D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87677D; -webkit-box-shadow:4px 4px  
4px 4px #87677D; box-shadow:4px 4px 4px  
4px #87677D }
```

Background

The CSS property to change the background color of an element to Hex 87677D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87677D }
```

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

```
.background{ background-color:#87677D }
```

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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