

Converting Colors

Hex(87787D)

Have a look what the booklet for
Hex(87787D) contains.

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Color

Hex(87787D)

Conversions

Conversions Part 1

Format	Color
Hex	87787D
RGB	135, 120, 125
RGB Percent	53%, 47%, 49%
CMY	0.4706, 0.5294, 0.5098
CMYK	0.00, 0.11, 0.07, 0.47
HSL	340°, 6%, 50%
HSV	340°, 11%, 53%
XYZ	20.4098, 20.0645, 22.1992
YIQ	125.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

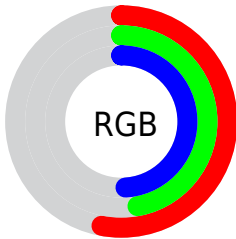
Format	Color
R_{YB}	135, 120, 125
Decimal	8878205
CIE Lab	51.91, 6.70, -0.63
CIE LCh	52, 6.726, 354.659
Yxy	20.0645, 0.3257, 0.3201
Android (android.graphics.Color)	4287068285 (0xFF87787D)
YUV	125.0550, -0.0271, 8.7218
Hunter-Lab	44.7934, 2.9438, 1.9719

Details

The Hex color **87787D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **788782**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BCACB2**, and **55484C** is the 20% darker color. If you saturate the color by 10%, you get **876B74**, and if you desaturate by 10%, it is **878686**.

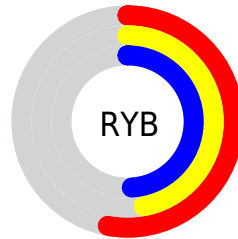
Distribution



Red (53%)

Green (47%)

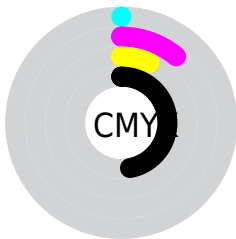
Blue (49%)



Red (53%)

Yellow (47%)

Blue (49%)

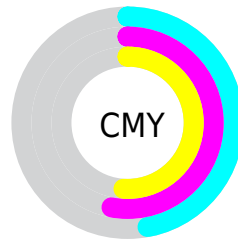


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87787D 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 87787D by changing the saturation by 10% instead.



87787D



87787D

FFFFFF



6E5F64



BCACB2



55484C



D8C8CD



3E3136



F5E4E9



281C20



140209



000000



87787D



87787D



876B74



878686



875D6B



87938F

874F62

87A198

874259

87AEA1

873550

87BBAA

872747

87C9B3

871A3E

87D7BC

870C35

87E4C5

87002D

87F2CE

Harmonies

Analogous

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



827982



87787D



887877

Triad

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



87787D



7B7D71



6F7E85

Complementary

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



87787D



788782

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.



6E7F80



87787D



757E75

Square

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



87787D



827B70



707F7A



757D87

Rectangle

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



87787D



877974



707F7A



6E7F84

Sweetspot

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



87787D



B0ABAC



827887



595657



D9D9D9



595959

Same Dimension

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



87787D



B099A1



877B78



423C3E



82002B



030001

Inverse Universe

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



87787D



B099A1



788487



423C3E



82002B



030001

Previews

White Background



This preview shows how the Hex color 87787D looks on a white background.

Color Contrast Check

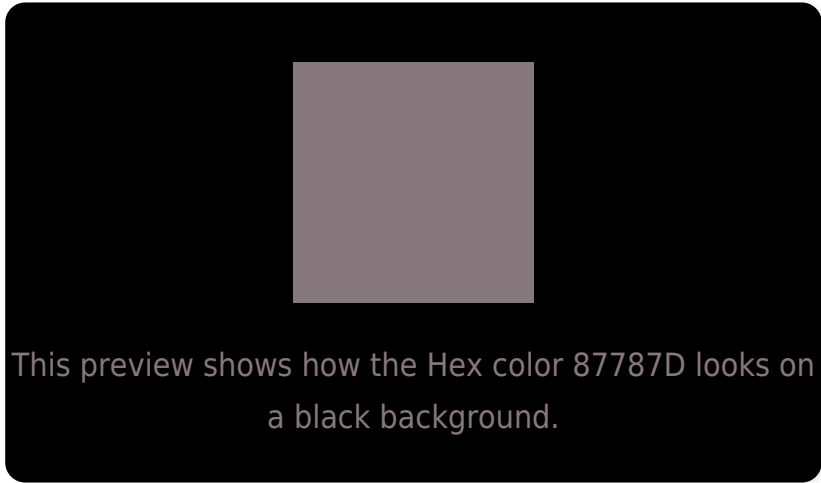
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

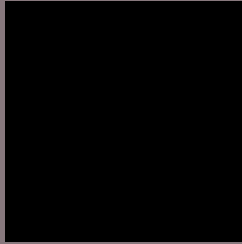
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 87787D Background



This preview shows how black text looks on a background with the Hex color 87787D.



This preview shows how white text looks on a background with the Hex color 87787D.

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
87787D

Protanopia
7D7B7F

Deuteranopia
87787D



Tritanopia
887781

Trichromacy



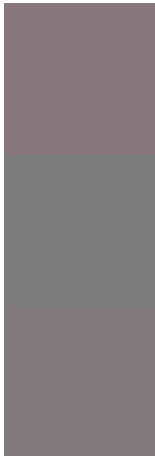
Original Color
87787D

Protanomaly
817A7E

Deuteranomaly
87787D

Tritanomaly
887780

Monochromacy



Original Color
87787D

Achromatopsia
7D7D7D

Achromatomaly
817B7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 87787D 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 #87787D looks like.

```
.text, #text, p{  
    color:#87787D  
}
```

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 #87787D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87787D
}
```

Border

The CSS property to change the border of an element to Hex 87787D is called "border". The border property can be set on classes, ids or directly on the HTML element.

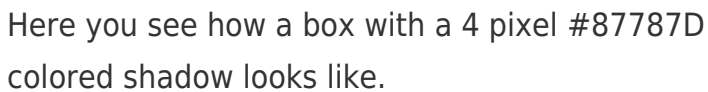
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87787D }
```

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

```
.border{ border-color:#87787D }
```

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



Here you see how a box with a 4 pixel #87787D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87787D; -webkit-box-shadow:4px 4px  
4px 4px #87787D; box-shadow:4px 4px 4px  
4px #87787D }
```

Background

The CSS property to change the background color of an element to Hex 87787D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87787D }
```

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

```
.background{ background-color:#87787D }
```

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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