

Converting Colors

Hex(87556D)

Have a look what the booklet for
Hex(87556D) contains.

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Color

Hex(87556D)

Conversions

Conversions Part 1

Format	Color
Hex	87556D
RGB	135, 85, 109
RGB Percent	53%, 33%, 43%
CMY	0.4706, 0.6667, 0.5725
CMYK	0.00, 0.37, 0.19, 0.47
HSL	331°, 23%, 43%
HSV	331°, 37%, 53%
XYZ	16.0005, 12.7520, 16.0861
YIQ	102.6860, 22.0960, 18.0640

Conversions

Conversions Part 2

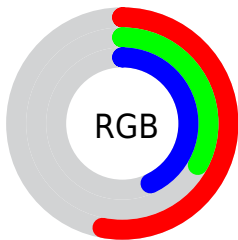
Format	Color
R_{YB}	135, 85, 109
Decimal	8869229
CIE _{Lab}	42.39, 24.41, -5.06
CIE _{LCh}	42, 24.930, 348.287
Y _{xy}	12.7520, 0.3568, 0.2844
Android (android.graphics.Color)	4287059309 (0xFF87556D)
YUV	102.6860, 3.1128, 28.3394
Hunter-Lab	35.7100, 17.4876, -1.7110

Details

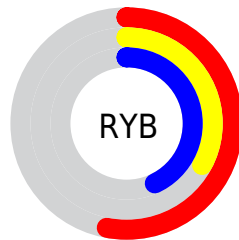
The Hex color **87556D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **55876F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **BD87A0**, and **54263E** is the 20% darker color. If you saturate the color by 10%, you get **874866**, and if you desaturate by 10%, it is **876374**.

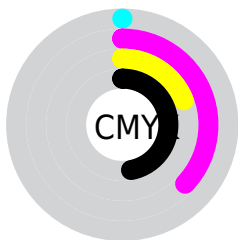
Distribution



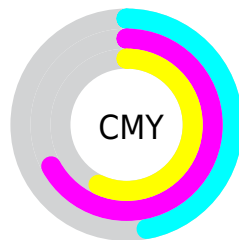
- Red (53%)
- Green (33%)
- Blue (43%)



- Red (53%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (37%)
- Yellow (19%)
- Black (47%)



- Cyan (47%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87556D 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 87556D by changing the saturation by 10% instead.

87556D

87556D

FFFFFF

6D3D55

BD87A0

54263E

D9A2BB

3C1028

F6BDD7

270013

FFD9F4

000000

FFF6FF

87556D

87556D

874866

876374

873A5F

87707B

872D58

877E82

871F51

878B89

87124A

879990

870443

87A697

870041

87B39E

87C1A5

87CFAC

Harmonies

Analogous

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



765A80



87556D



8C5558

Triad

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



87556D



65673C



186D82

Complementary

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



87556D



55876F

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.



186F70



87556D



4E6C48

Square

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



87556D



79603C



346F5B



39688C

Rectangle

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



87556D



8A574C



346F5B



126E7D

Sweetspot

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



87556D



B09DA6



6F5587



594E53



D9D9D9



595959

Same Dimension

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



87556D



B06388



875655



423C3F



82003E



030001

Inverse Universe

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



87556D



B06388



558687



423C3F



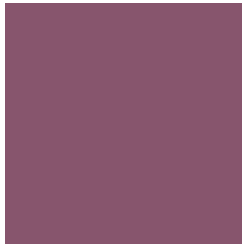
82003E



030001

Previews

White Background



This preview shows how the Hex color 87556D looks on a white background.

Color Contrast Check

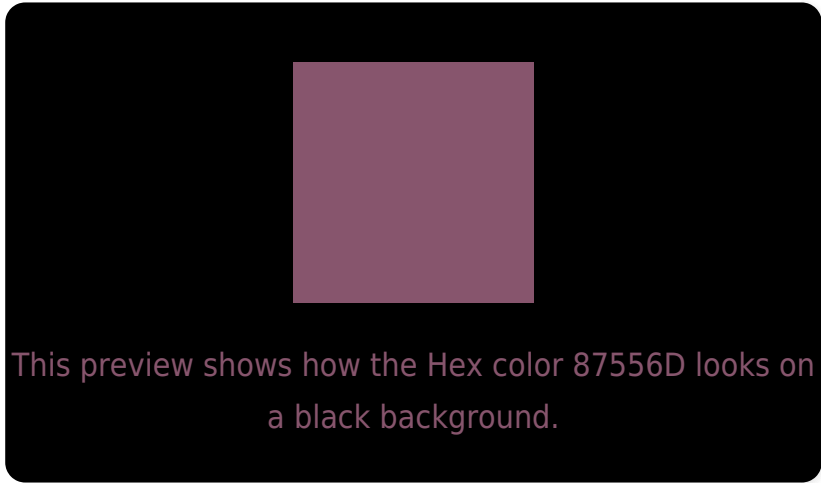
Large Text (above 18pt) WCAG AA ✓ Pass

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

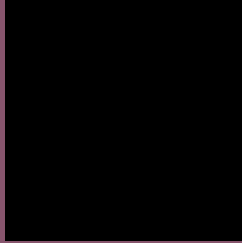
Any Text WCAG AA × Fail

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 87556D Background



This preview shows how black text looks on a background with the Hex color 87556D.



This preview shows how white text looks on a background with the Hex color 87556D.

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
87556D

Protanopia
616476

Deuteranopia
6B626B



Tritanopia
85585E

Trichromacy



Original Color
87556D

Protanomaly
6F5F73

Deuteranomaly
755D6C

Tritanomaly
865763

Monochromacy



Original Color
87556D

Achromatopsia
676767

Achromatomaly
736069

CSS Examples

Text

The CSS property to change the color of the text to Hex 87556D 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 #87556D looks like.

```
.text, #text, p{  
    color:#87556D  
}
```

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 #87556D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87556D
}
```

Border

The CSS property to change the border of an element to Hex 87556D is called "border". The border property can be set on classes, ids or directly on the HTML element.

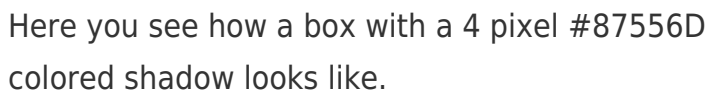
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87556D }
```

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

```
.border{ border-color:#87556D }
```

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



Here you see how a box with a 4 pixel #87556D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87556D; -webkit-box-shadow:4px 4px  
4px 4px #87556D; box-shadow:4px 4px 4px  
4px #87556D }
```

Background

The CSS property to change the background color of an element to Hex 87556D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87556D }
```

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

```
.background{ background-color:#87556D }
```

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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