

Converting Colors

Hex(87658F)

Have a look what the booklet for
Hex(87658F) contains.

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Color

Hex(87658F)

Conversions

Conversions Part 1

Format	Color
Hex	87658F
RGB	135, 101, 143
RGB Percent	53%, 40%, 56%
CMY	0.4706, 0.6039, 0.4392
CMYK	0.06, 0.29, 0.00, 0.44
HSL	289°, 17%, 48%
HSV	289°, 29%, 56%
XYZ	19.6033, 16.4414, 28.1269
YIQ	115.9540, 6.7820, 20.2700

Conversions

Conversions Part 2

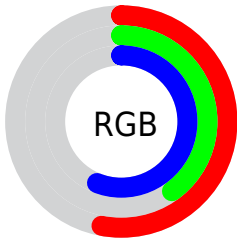
Format	Color
R_{YB}	135, 101, 143
Decimal	8873359
CIE _{Lab}	47.55, 21.50, -17.81
CIE _{LCh}	48, 27.918, 320.365
Yxy	16.4414, 0.3055, 0.2562
Android (android.graphics.Color)	4287063439 (0xFF87658F)
YUV	115.9540, 13.3337, 16.7033
Hunter-Lab	40.5480, 15.3382, -12.7440

Details

The Hex color **87658F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6D8F65**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **BD98C5**, and **55365D** is the 20% darker color. If you saturate the color by 10%, you get **84578F**, and if you desaturate by 10%, it is **8A738F**.

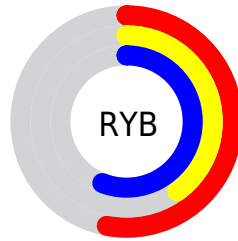
Distribution



Red (53%)

Green (40%)

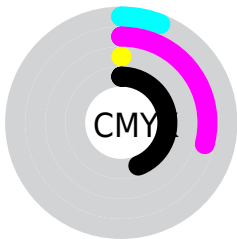
Blue (56%)



Red (53%)

Yellow (40%)

Blue (56%)

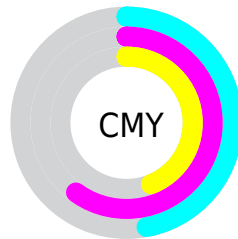


Cyan (6%)

Magenta (29%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87658F 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 87658F by changing the saturation by 10% instead.



87658F



87658F

FFFFFF



6D4D75



BD98C5



55365D



D9B3E1



3D1F45



F5CFFE



260A2E



FFEBFF



0D001A



000000



87658F



87658F



84578F



8A738F



82488F



8C828F

 7F3A8F

 8F908F

 7C2C8F

 929E8F

 791D8F

 95AC8F

 770F8F

 97BB8F

 74018F

 9AC98F

 74008F

 9DD78F

 A0E68F

Harmonies

Analogous

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



686E9D



87658F



9A5F79

Triad

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



87658F



876D42



147D80

Complementary

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



87658F



6D8F65

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.



367D68



87658F



707444

Square

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



87658F



98654E



557A52



177B94

Rectangle

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



87658F



9E5F69



557A52



1F7D78

Sweetspot

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



87658F



B7A9BA



656D8F



5C545E



DEDEDE



5E5E5E

Same Dimension

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



87658F



AE79BA



8F6582



464047



6D0087



060008

Inverse Universe

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



8F656D



BA7985



658F72



474042



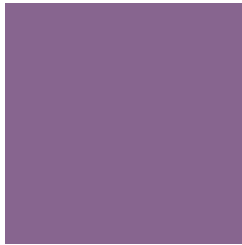
87001A



080001

Previews

White Background



This preview shows how the Hex color 87658F looks on a white background.

Color Contrast Check

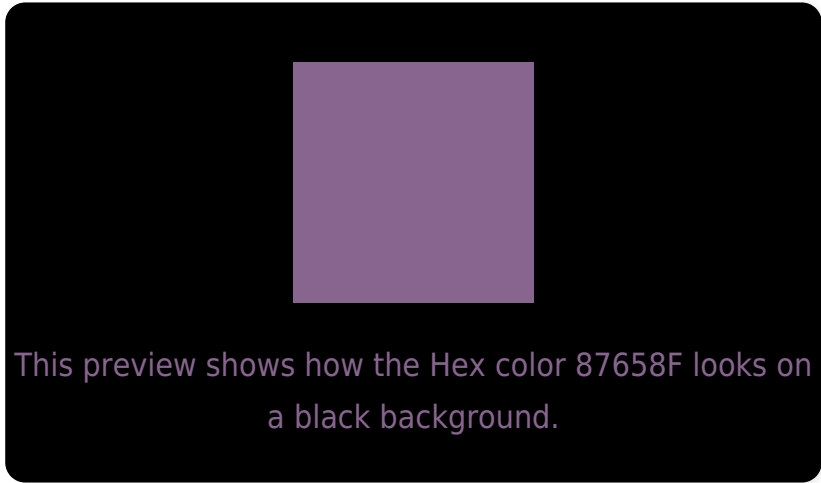
Large Text (above 18pt) WCAG AA ✓ Pass

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

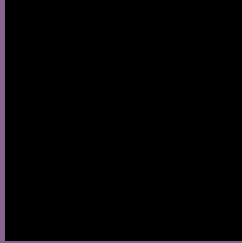
Any Text WCAG AA × Fail

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 87658F Background



This preview shows how black text looks on a background with the Hex color 87658F.




This preview shows how white text looks on a background with the Hex color 87658F.

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
836A73

Trichromacy



Original Color
87658F

Protanomaly
726C94

Deuteranomaly
776B8E

Tritanomaly
84687D

Monochromacy



Original Color
87658F

Achromatopsia
747474

Achromatomaly
7B6F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 87658F 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 #87658F looks like.

```
.text, #text, p{  
    color:#87658F  
}
```

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 #87658F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87658F
}
```

Border

The CSS property to change the border of an element to Hex 87658F is called "border". The border property can be set on classes, ids or directly on the HTML element.

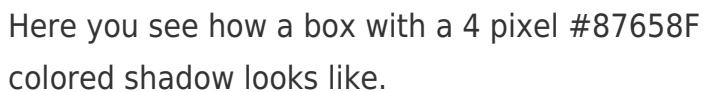
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87658F }
```

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

```
.border{ border-color:#87658F }
```

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



Here you see how a box with a 4 pixel #87658F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87658F; -webkit-box-shadow:4px 4px  
4px 4px #87658F; box-shadow:4px 4px 4px  
4px #87658F }
```

Background

The CSS property to change the background color of an element to Hex 87658F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87658F }
```

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

```
.background{ background-color:#87658F }
```

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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