

Converting Colors

Hex(836B8F)

Have a look what the booklet for
Hex(836B8F) contains.

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Color

Hex(836B8F)

Conversions

Conversions Part 1

Format	Color
Hex	836B8F
RGB	131, 107, 143
RGB Percent	51%, 42%, 56%
CMY	0.4863, 0.5804, 0.4392
CMYK	0.08, 0.25, 0.00, 0.44
HSL	280°, 14%, 49%
HSV	280°, 25%, 56%
XYZ	19.5757, 17.3239, 28.2987
YIQ	118.2800, 2.7480, 16.2840

Conversions

Conversions Part 2

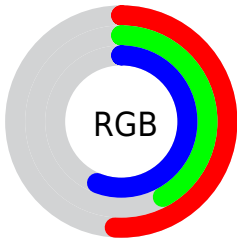
Format	Color
R_{YB}	131, 107, 143
Decimal	8612751
CIE _{Lab}	48.67, 16.55, -16.14
CIE _{LCh}	49, 23.115, 315.710
Yxy	17.3239, 0.3002, 0.2657
Android (android.graphics.Color)	4286802831 (0xFF836B8F)
YUV	118.2800, 12.1870, 11.1554
Hunter-Lab	41.6219, 11.1140, -11.1758

Details

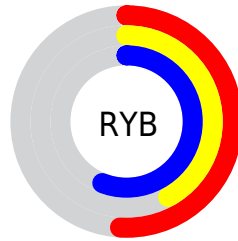
The Hex color **836B8F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **778F6B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B89FC5**, and **513B5D** is the 20% darker color. If you saturate the color by 10%, you get **7E5D8F**, and if you desaturate by 10%, it is **88798F**.

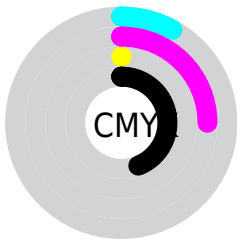
Distribution



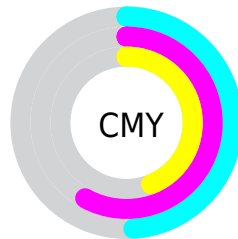
- Red (51%)
- Green (42%)
- Blue (56%)



- Red (51%)
- Yellow (42%)
- Blue (56%)



- Cyan (8%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836B8F 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 836B8F by changing the saturation by 10% instead.



836B8F



836B8F

FFFFFF



6A5375



B89FC5



513B5D



D4BAE1



3A2545



F1D5FD



23112F



FFF2FF



0C001A



000000



836B8F



836B8F



7E5D8F



88798F



794E8F



8D888F

75408F

91968F

70328F

96A48F

6B238F

9BB38F

66158F

A0C18F

62078F

A4CF8F

5F008F

A9DD8F

AEEC8F

Harmonies

Analogous

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



697299



836B8F



94667E

Triad

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



836B8F



8A6F4E



377E7D

Complementary

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



836B8F



778F6B

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.



4A7E69



836B8F



77764E

Square

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



836B8F



976958



617B58



367D8F

Rectangle

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



836B8F



9A6571



617B58



3C7E77

Sweetspot

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



836B8F



B5ABBA



6B778F



5B555E



DEDEDE



5E5E5E

Same Dimension

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



836B8F



A882BA



8F6B8A



454047



5A0087



050008

Inverse Universe

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



8F6B77



BA8295



6B8F70



474043



87002D



080003

Previews

White Background



This preview shows how the Hex color 836B8F 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



This preview shows how the Hex color 836B8F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

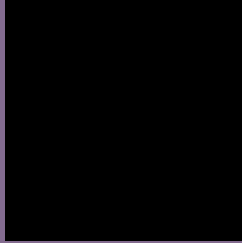
Any Text WCAG AA × Fail

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 836B8F Background



This preview shows how black text looks on a background with the Hex color 836B8F.

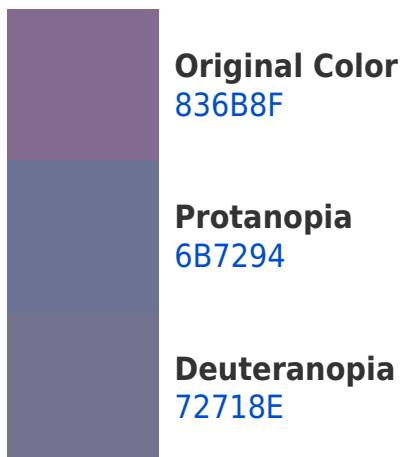



This preview shows how white text looks on a background with the Hex color 836B8F.

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
7F6F78

Trichromacy



Original Color
836B8F

Protanomaly
746F92

Deuteranomaly
786F8E

Tritanomaly
806E80

Monochromacy



Original Color
836B8F

Achromatopsia
767676

Achromatomaly
7B727F

CSS Examples

Text

The CSS property to change the color of the text to Hex 836B8F 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 #836B8F looks like.

```
.text, #text, p{  
    color:#836B8F  
}
```

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 #836B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836B8F
}
```

Border

The CSS property to change the border of an element to Hex 836B8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

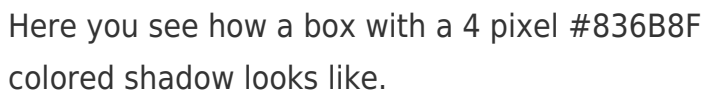
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836B8F }
```

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

```
.border{ border-color:#836B8F }
```

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



Here you see how a box with a 4 pixel #836B8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836B8F; -webkit-box-shadow:4px 4px  
4px 4px #836B8F; box-shadow:4px 4px 4px  
4px #836B8F }
```

Background

The CSS property to change the background color of an element to Hex 836B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836B8F }
```

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

```
.background{ background-color:#836B8F }
```

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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