

Converting Colors

Hex(836A76)

Have a look what the booklet for
Hex(836A76) contains.

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Color

Hex(836A76)

Conversions

Conversions Part 1

Format	Color
Hex	836A76
RGB	131, 106, 118
RGB Percent	51%, 42%, 46%
CMY	0.4863, 0.5843, 0.5373
CMYK	0.00, 0.19, 0.10, 0.49
HSL	331°, 11%, 46%
HSV	331°, 19%, 51%
XYZ	17.7841, 16.4414, 19.3757
YIQ	114.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

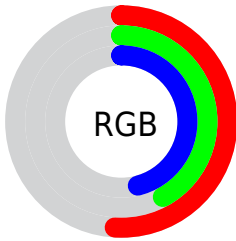
Format	Color
R_{YB}	131, 106, 118
Decimal	8612470
CIE Lab	47.55, 12.06, -2.93
CIE LCh	48, 12.414, 346.358
Yxy	16.4414, 0.3318, 0.3067
Android (android.graphics.Color)	4286802550 (0xFF836A76)
YUV	114.8430, 1.5564, 14.1697
Hunter-Lab	40.5480, 7.3302, 0.0520

Details

The Hex color **836A76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A8377**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B89DAA**, and **513B46** is the 20% darker color. If you saturate the color by 10%, you get **835D6F**, and if you desaturate by 10%, it is **83777D**.

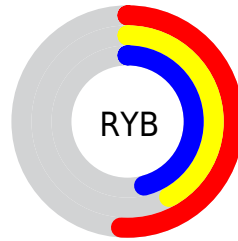
Distribution



Red (51%)

Green (42%)

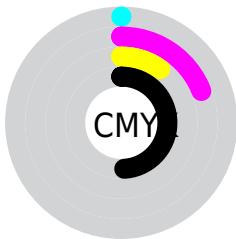
Blue (46%)



Red (51%)

Yellow (42%)

Blue (46%)

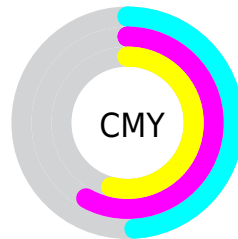


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (49%)



Cyan (49%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836A76 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 836A76 by changing the saturation by 10% instead.

 836A76

 836A76

FFFFFF

 6A525D

 B89DAA

 513B46

 D4B8C5

 3A252F

 F0D4E1

 24101B

 FFF0FE

 040000

 000000

 836A76

 836A76

 835D6F

 83777D

 835068

 838484

834362

83918A

83365B

839E91

832954

83AC98

831B4D

83B99F

830E46

83C6A6

830140

83D3AC

83003F

83E0B3

Harmonies

Analogous

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



7A6C7F



836A76



876A6B

Triad

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



836A76



73725D



577680

Complementary

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



836A76



6A8377

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.



567776



836A76



677562

Square

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



836A76



7E6E5D



5C776C



5F7385

Rectangle

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



836A76



866B65



5C776C



55767D

Sweetspot

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



836A76



ABA1A6



776A83



575154



D6D6D6



575757

Same Dimension

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



836A76



AB8496



836A6A



423C3F



82003E



030001

Inverse Universe

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



836A76



AB8496



6A8383



423C3F



82003E



030001

Previews

White Background



This preview shows how the Hex color 836A76 looks on a white background.

Color Contrast Check

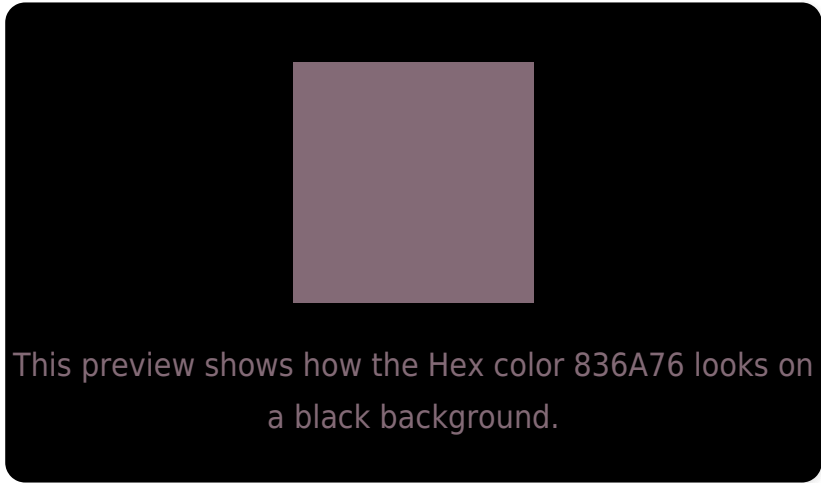
Large Text (above 18pt) WCAG AA ✓ Pass

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

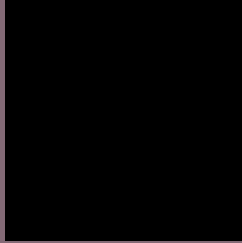
Any Text WCAG AA × Fail

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 836A76 Background



This preview shows how black text looks on a background with the Hex color 836A76.



This preview shows how white text looks on a background with the Hex color 836A76.

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
836A76

Protanopia
70707A

Deuteranopia
7A6E75



Tritanopia
836B73

Trichromacy



Original Color
836A76

Protanomaly
776E79

Deuteranomaly
7D6D75

Tritanomaly
836B74

Monochromacy



Original Color
836A76

Achromatopsia
737373

Achromatomaly
797074

CSS Examples

Text

The CSS property to change the color of the text to Hex 836A76 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 #836A76 looks like.

```
.text, #text, p{  
    color:#836A76  
}
```

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 #836A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836A76
}
```

Border

The CSS property to change the border of an element to Hex 836A76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

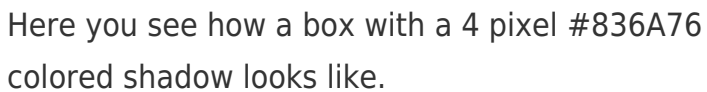
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836A76 }
```

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

```
.border{ border-color:#836A76 }
```

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



Here you see how a box with a 4 pixel #836A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836A76; -webkit-box-shadow:4px 4px  
4px 4px #836A76; box-shadow:4px 4px 4px  
4px #836A76 }
```

Background

The CSS property to change the background color of an element to Hex 836A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836A76 }
```

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

```
.background{ background-color:#836A76 }
```

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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