

Converting Colors

Hex(836D90)

Have a look what the booklet for
Hex(836D90) contains.

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Color

Hex(836D90)

Conversions

Conversions Part 1

Format	Color
Hex	836D90
RGB	131, 109, 144
RGB Percent	51%, 43%, 56%
CMY	0.4863, 0.5725, 0.4353
CMYK	0.09, 0.24, 0.00, 0.44
HSL	278°, 14%, 50%
HSV	278°, 24%, 56%
XYZ	19.8628, 17.7762, 28.7698
YIQ	119.5680, 1.8770, 15.5490

Conversions

Conversions Part 2

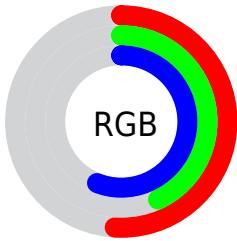
Format	Color
R_{YB}	131, 109, 144
Decimal	8613264
CIE _{Lab}	49.22, 15.58, -15.88
CIE _{LCh}	49, 22.248, 314.442
Yxy	17.7762, 0.2991, 0.2677
Android (android.graphics.Color)	4286803344 (0xFF836D90)
YUV	119.5680, 12.0450, 10.0259
Hunter-Lab	42.1618, 10.3095, -10.9443

Details

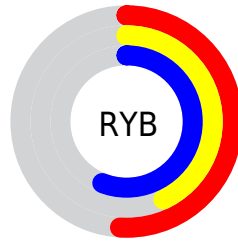
The Hex color **836D90** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7A906D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B8A1C6**, and **513D5E** is the 20% darker color. If you saturate the color by 10%, you get **7E5F90**, and if you desaturate by 10%, it is **887B90**.

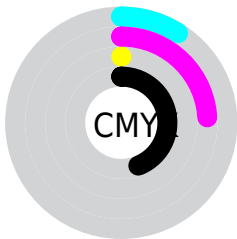
Distribution



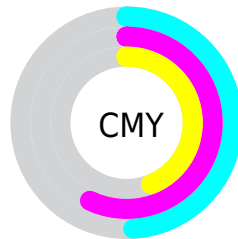
- Red (51%)
- Green (43%)
- Blue (56%)



- Red (51%)
- Yellow (43%)
- Blue (56%)



- Cyan (9%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836D90 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 836D90 by changing the saturation by 10% instead.

 836D90

 836D90

FFFFFF

 6A5576

 B8A1C6

 513D5E

 D4BCE2

 3A2746

 F0D7FF

 24132F

 FFF4FF

 0F001B

 000000

 836D90

 836D90

 7E5F90

 887B90

 785090

 8E8A90

734290

939890

6E3390

98A790

682590

9EB590

631790

A3C390

5E0890

A8D290

5B0090

AEE090

B3EF90

Harmonies

Analogous

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



6A7499



836D90



946880

Triad

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



836D90



8B7051



3D7F7E

Complementary

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



836D90



7A906D

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.



4E7F6A



836D90



797750

Square

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



836D90



976A5B



647C5A



3B7E8F

Rectangle

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



836D90



9A6773



647C5A



417F77

Sweetspot

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



836D90



B5ADBA



6D7A90



5C575E



DEDEDE



5E5E5E

Same Dimension

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



836D90



A684BA



906D8C



454047



550087



050008

Inverse Universe

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



906D7A



BA8498



6D9071



474043



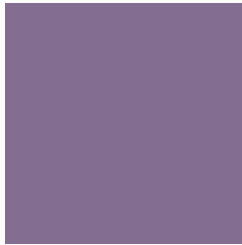
870032



080003

Previews

White Background



This preview shows how the Hex color 836D90 looks on a white background.

Color Contrast Check

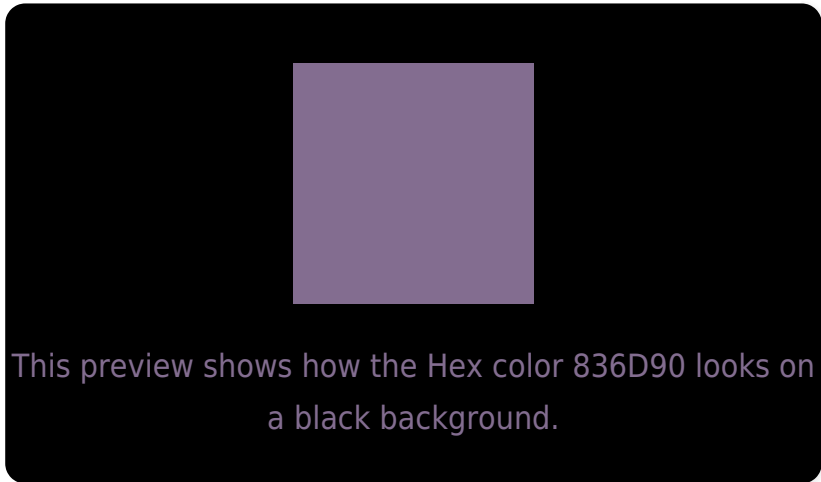
Large Text (above 18pt) WCAG AA ✓ Pass

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

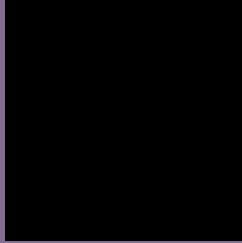
Any Text WCAG AA ✓ Pass

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 836D90 Background



This preview shows how black text looks on a background with the Hex color 836D90.

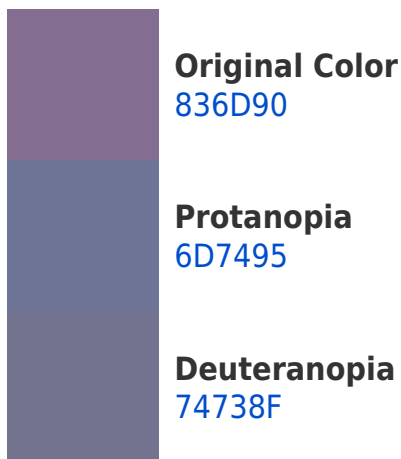


This preview shows how white text looks on a background with the Hex color 836D90.

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
80717A

Trichromacy



Original Color
836D90

Protanomaly
757193

Deuteranomaly
79718F

Tritanomaly
817082

Monochromacy



Original Color
836D90

Achromatopsia
787878

Achromatomaly
7C7481

CSS Examples

Text

The CSS property to change the color of the text to Hex 836D90 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 #836D90 looks like.

```
.text, #text, p{  
    color:#836D90  
}
```

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 #836D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836D90
}
```

Border

The CSS property to change the border of an element to Hex 836D90 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
#836D90 }
```

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

```
.border{ border-color:#836D90 }
```

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

Here you see how a box with a 4 pixel #836D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836D90; -webkit-box-shadow:4px 4px  
4px 4px #836D90; box-shadow:4px 4px 4px  
4px #836D90 }
```

Background

The CSS property to change the background color of an element to Hex 836D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836D90 }
```

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

```
.background{ background-color:#836D90 }
```

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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