

# Converting Colors

Hex(866F96)

Have a look what the booklet for  
Hex(866F96) contains.

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# Color

**Hex(866F96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	866F96
RGB	134, 111, 150
RGB Percent	53%, 44%, 59%
CMY	0.4745, 0.5647, 0.4118
CMYK	0.11, 0.26, 0.00, 0.41
HSL	275°, 16%, 51%
HSV	275°, 26%, 59%
XYZ	21.0210, 18.6392, 31.3440
YIQ	122.3230, 1.1890, 17.0050

# Conversions

## Conversions Part 2

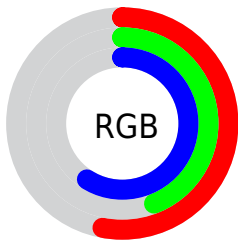
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 111, 150
Decimal	8810390
CIELab	50.26, 16.76, -17.81
CIElCh	50, 24.456, 313.255
Yxy	18.6392, 0.2961, 0.2625
Android (android.graphics.Color)	4287000470 (0xFF866F96)
YUV	122.3230, 13.6448, 10.2407
Hunter-Lab	43.1732, 11.3585, -12.8237

# Details

The Hex color **866F96** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7F966F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BCA3CC**, and **543F63** is the 20% darker color. If you saturate the color by 10%, you get **806096**, and if you desaturate by 10%, it is **8C7E96**.

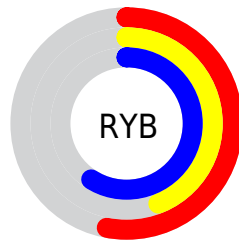
# Distribution



Red (53%)

Green (44%)

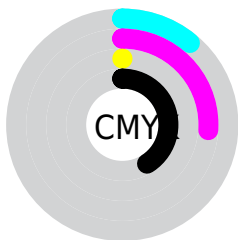
Blue (59%)



Red (53%)

Yellow (44%)

Blue (59%)

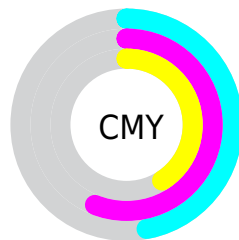


Cyan (11%)

Magenta (26%)

Yellow (0%)

Black (41%)



Cyan (47%)

Magenta (56%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 866F96 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 866F96 by changing the saturation by 10% instead.



866F96

866F96

FFFFFF

6C567C

BCA3CC

543F63

D7BEE8

3C294B

F4DAFF

261434

FFF6FF

14001F

000002

000000

866F96

866F96

806096

8C7E96

7A5196

928D96

744296

989C96

6D3396

9FAB96

672496

A5BA96

611596

ABC996

5B0696

B1D896

580096

B7E796

BDF696

# Harmonies

## Analogous

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



6A76A0



866F96



996984

# Triad

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



866F96



907250



378380

# Complementary

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



866F96



7F966F

# 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.



4D826B



866F96



7D794F

# Square

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



866F96



9D6C5C



657F59



348193

# Rectangle

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



866F96



A06876



657F59



3E8379



# Sweetspot

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



866F96



BBB2C2



6F7F96



5D5761



E0E0E0



616161



# Same Dimension

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



866F96



A986C2



966F93



47434A



51008A



06000A



# Inverse Universe

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



966F7F



C2869E



6F9672



4A4346



8A0038

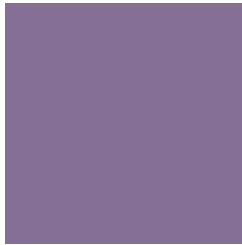


0A0004



# Previews

## White Background



This preview shows how the Hex color 866F96 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

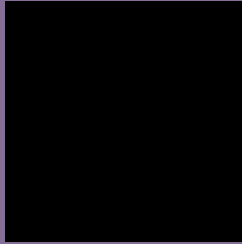
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 866F96 Background



This preview shows how black text looks on a background with the Hex color 866F96.



This preview shows how white text looks on a background with the Hex color 866F96.

# 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**  
866F96

**Protanopia**  
6E769B

**Deuteranopia**  
757595



**Tritanopia**  
82747D

# Trichromacy



**Original Color**  
866F96

**Protanomaly**  
777399

**Deuteranomaly**  
7B7395

**Tritanomaly**  
837286

# Monochromacy



**Original Color**  
866F96

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7E7684

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 866F96 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 #866F96 looks like.

```
.text, #text, p{  
    color:#866F96  
}
```

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 #866F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866F96
}
```

## Border

The CSS property to change the border of an element to Hex 866F96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

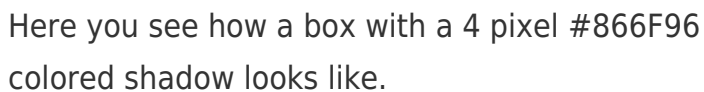
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#866F96 }
```

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

```
.border{ border-color:#866F96 }
```

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



Here you see how a box with a 4 pixel #866F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866F96; -webkit-box-shadow:4px 4px  
4px 4px #866F96; box-shadow:4px 4px 4px  
4px #866F96 }
```

# Background

The CSS property to change the background color of an element to Hex 866F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866F96 }
```

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

```
.background{ background-color:#866F96 }
```

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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