

# Converting Colors

Hex(836F92)

Have a look what the booklet for  
Hex(836F92) contains.

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# Color

**Hex(836F92)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	836F92
RGB	131, 111, 146
RGB Percent	51%, 44%, 57%
CMY	0.4863, 0.5647, 0.4275
CMYK	0.10, 0.24, 0.00, 0.43
HSL	274°, 14%, 50%
HSV	274°, 24%, 57%
XYZ	20.2328, 18.2695, 29.6541
YIQ	120.9700, 0.6850, 15.1250

# Conversions

## Conversions Part 2

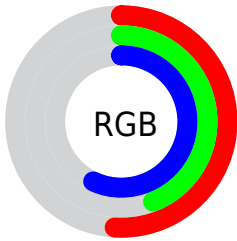
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 111, 146
Decimal	8613778
CIE <sub>Lab</sub>	49.82, 14.83, -16.15
CIE <sub>LCh</sub>	50, 21.931, 312.556
Yxy	18.2695, 0.2969, 0.2681
Android (android.graphics.Color)	4286803858 (0xFF836F92)
YUV	120.9700, 12.3398, 8.7963
Hunter-Lab	42.7428, 9.6951, -11.2142

# Details

The Hex color **836F92** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E926F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B8A3C8**, and **513F5F** is the 20% darker color. If you saturate the color by 10%, you get **7D6092**, and if you desaturate by 10%, it is **897E92**.

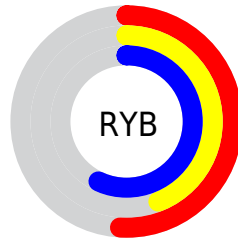
# Distribution



Red (51%)

Green (44%)

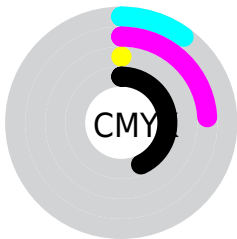
Blue (57%)



Red (51%)

Yellow (44%)

Blue (57%)

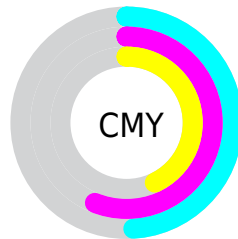


Cyan (10%)

Magenta (24%)

Yellow (0%)

Black (43%)



Cyan (49%)

Magenta (56%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 836F92 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 836F92 by changing the saturation by 10% instead.





836F92



836F92

FFFFFF



6A5778



B8A3C8



513F5F



D4BEE4



3A2948



F0DAFF



241431



FFF6FF



11001D



000000



836F92



836F92



7D6092



897E92



765292



908C92

704392

969B92

6A3592

9CA992

642692

A2B892

5D1792

A9C792

570992

AFD592

530092

B5E492

BBF292

# Harmonies

## Analogous

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



6A769B



836F92



956A82

# Triad

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



836F92



8D7253



40817E

# Complementary

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



836F92



7E926F

# 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.



52806B



836F92



7C7852

# Square

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



836F92



996C5E



677D5B



3E7F8F

# Rectangle

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



836F92



9B6976



677D5B



458177



# Sweetspot

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



836F92



B7AFBD



6F7E92



5B575E



DEDEDE



5E5E5E



# Same Dimension

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



836F92



A586BD



926F90



47434A



4F008A



06000A



# Inverse Universe

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



926F7E



BD869D



6F9271



4A4346



8A003B

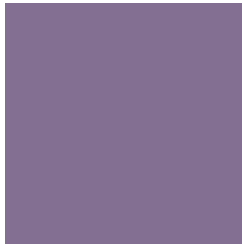


0A0004



# Previews

## White Background



This preview shows how the Hex color 836F92 looks on a white background.

## Color Contrast Check

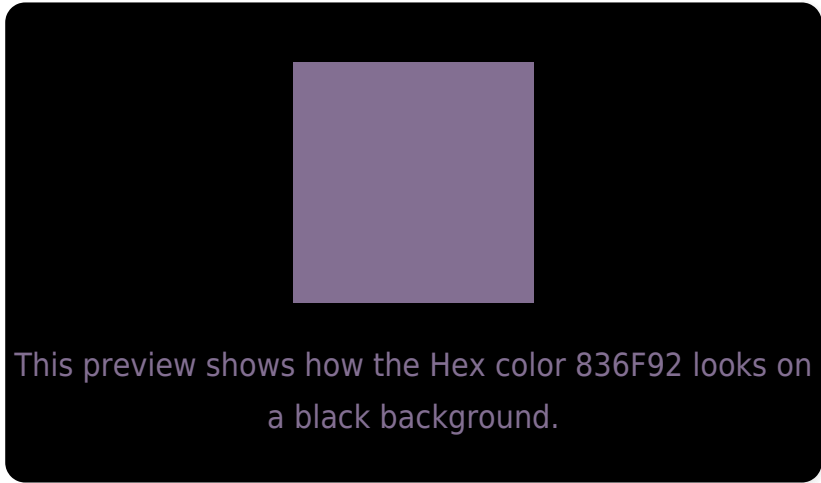
Large Text (above 18pt) WCAG AA ✓ Pass

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

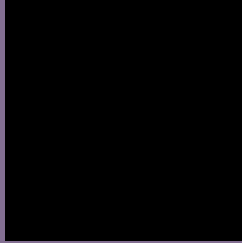
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 836F92 Background



This preview shows how black text looks on a background with the Hex color 836F92.



This preview shows how white text looks on a background with the Hex color 836F92.

# 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**  
836F92

**Protanopia**  
6E7596

**Deuteranopia**  
757491



**Tritanopia**  
80737C

# Trichromacy



**Original Color**  
836F92

**Protanomaly**  
767395

**Deuteranomaly**  
7A7291

**Tritanomaly**  
817284

# Monochromacy



**Original Color**  
836F92

**Achromatopsia**  
797979

**Achromatomaly**  
7D7582

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 836F92 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 #836F92 looks like.

```
.text, #text, p{  
    color:#836F92  
}
```

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 #836F92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836F92
}
```

## Border

The CSS property to change the border of an element to Hex 836F92 is called "border". The border property can be set on classes, ids or directly on the HTML element.

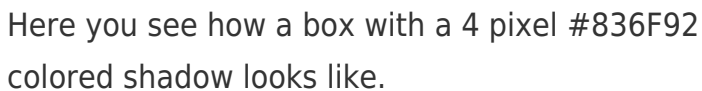
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836F92 }
```

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

```
.border{ border-color:#836F92 }
```

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



Here you see how a box with a 4 pixel #836F92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836F92; -webkit-box-shadow:4px 4px  
4px 4px #836F92; box-shadow:4px 4px 4px  
4px #836F92 }
```

# Background

The CSS property to change the background color of an element to Hex 836F92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836F92 }
```

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

```
.background{ background-color:#836F92 }
```

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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