

Converting Colors

Hex(836FB2)

Have a look what the booklet for
Hex(836FB2) contains.

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Color

Hex(836FB2)

Conversions

Conversions Part 1

Format	Color
Hex	836FB2
RGB	131, 111, 178
RGB Percent	51%, 44%, 70%
CMY	0.4863, 0.5647, 0.3020
CMYK	0.26, 0.38, 0.00, 0.30
HSL	258°, 30%, 57%
HSV	258°, 38%, 70%
XYZ	23.0804, 19.4085, 44.6492
YIQ	124.6180, -9.5870, 25.0770

Conversions

Conversions Part 2

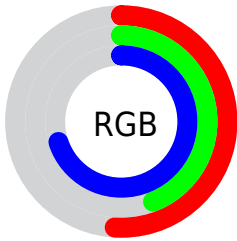
Format	Color
R_{YB}	131, 111, 178
Decimal	8613810
CIE _{Lab}	51.16, 22.45, -32.79
CIE _{LCh}	51, 39.740, 304.397
Yxy	19.4085, 0.2649, 0.2227
Android (android.graphics.Color)	4286803890 (0xFF836FB2)
YUV	124.6180, 26.3173, 5.5970
Hunter-Lab	44.0551, 16.4194, -29.2510

Details

The Hex color **836FB2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9EB26F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B9A3EA**, and **503F7D** is the 20% darker color. If you saturate the color by 10%, you get **775DB2**, and if you desaturate by 10%, it is **8F81B2**.

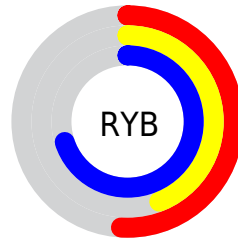
Distribution



Red (51%)

Green (44%)

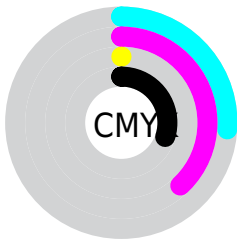
Blue (70%)



Red (51%)

Yellow (44%)

Blue (70%)

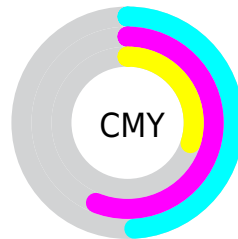


Cyan (26%)

Magenta (38%)

Yellow (0%)

Black (30%)



Cyan (49%)

Magenta (56%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836FB2 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 836FB2 by changing the saturation by 10% instead.

■ 836FB2

■ 836FB2

FFFFFF

■ 695697

■ B9A3EA

■ 503F7D

■ D5BEFF

■ 372964

■ F2DAFF

■ 1E144B

■ FFF6FF

■ 0B0035

■ 00021E

■ 000001

■ 000000

■ 836FB2

■ 836FB2

775DB2

8F81B2

6A4BB2

9C93B2

5E3AB2

A8A4B2

5128B2

B5B6B2

4516B2

C1C8B2

3804B2

CEDAB2

3500B2

DAECB2

E7FDB2

F3FFB2

Harmonies

Analogous

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



477CBD



836FB2



A86398

Triad

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



836FB2



A56E3D



008B7E

Complementary

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



836FB2



9EB26F

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.



37895B



836FB2



897A34

Square

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



836FB2



B76255



668340



008A9F

Rectangle

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



836FB2



B55E82



668340



008B72

Sweetspot

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



836FB2



D6CFE8



6F9FB2



6B6675



F5F5F5



757575

Same Dimension

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



836FB2



9F80E8



A36FB2



535059



2E0099



08001A

Inverse Universe

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



B26F9E



E880C9



7EB26F



595057



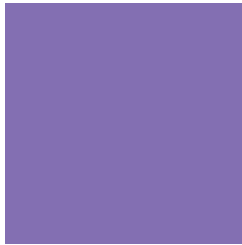
99006B



1A0012

Previews

White Background



This preview shows how the Hex color 836FB2 looks on a white background.

Color Contrast Check

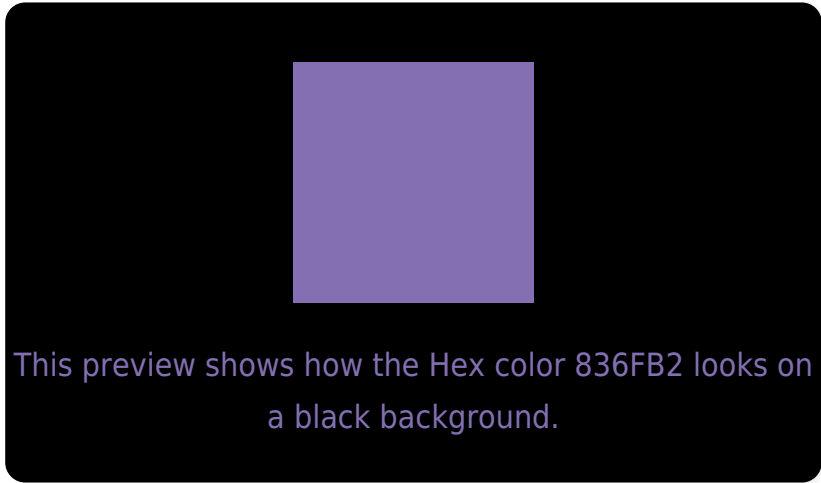
Large Text (above 18pt) WCAG AA ✓ Pass

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 836FB2 Background



This preview shows how black text looks on a background with the Hex color 836FB2.



This preview shows how white text looks on a background with the Hex color 836FB2.

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
836FB2

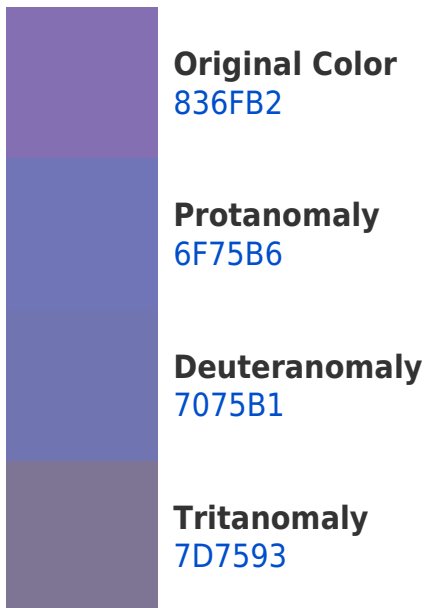
Protanopia
6378B9

Deuteranopia
6579B0

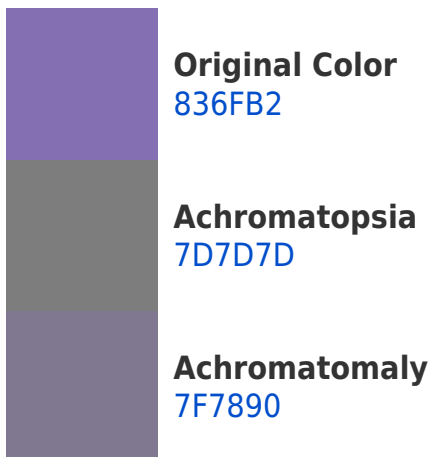


Tritanopia
7A7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 836FB2 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 #836FB2 looks like.

```
.text, #text, p{  
    color:#836FB2  
}
```

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 #836FB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836FB2  
}
```

Border

The CSS property to change the border of an element to Hex 836FB2 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  
#836FB2 }
```

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

```
.border{ border-color:#836FB2 }
```

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

Here you see how a box with a 4 pixel #836FB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836FB2; -webkit-box-shadow:4px 4px  
4px 4px #836FB2; box-shadow:4px 4px 4px  
4px #836FB2 }
```

Background

The CSS property to change the background color of an element to Hex 836FB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836FB2 }
```

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

```
.background{ background-color:#836FB2 }
```

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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