

Converting Colors

Hex(846FA6)

Have a look what the booklet for
Hex(846FA6) contains.

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Color

Hex(846FA6)

Conversions

Conversions Part 1

Format	Color
Hex	846FA6
RGB	132, 111, 166
RGB Percent	52%, 44%, 65%
CMY	0.4824, 0.5647, 0.3490
CMYK	0.20, 0.33, 0.00, 0.35
HSL	263°, 24%, 54%
HSV	263°, 33%, 65%
XYZ	22.0831, 19.0276, 38.5852
YIQ	123.5490, -5.1390, 21.5570

Conversions

Conversions Part 2

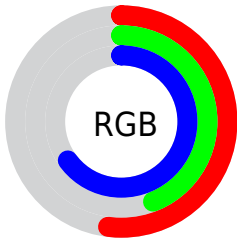
Format	Color
R_{YB}	132, 111, 166
Decimal	8679334
CIE _{Lab}	50.72, 19.80, -26.50
CIE _{LCh}	51, 33.076, 306.765
Yxy	19.0276, 0.2771, 0.2388
Android (android.graphics.Color)	4286869414 (0xFF846FA6)
YUV	123.5490, 20.9283, 7.4115
Hunter-Lab	43.6206, 14.0302, -21.9113

Details

The Hex color **846FA6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **91A66F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BAA3DD**, and **513F72** is the 20% darker color. If you saturate the color by 10%, you get **7A5EA6**, and if you desaturate by 10%, it is **8E80A6**.

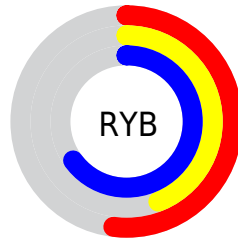
Distribution



Red (52%)

Green (44%)

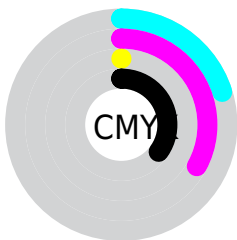
Blue (65%)



Red (52%)

Yellow (44%)

Blue (65%)

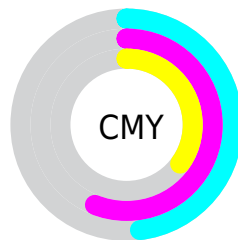


Cyan (20%)

Magenta (33%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 846FA6 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 846FA6 by changing the saturation by 10% instead.

846FA6

846FA6

FFFFFF

6A568B

BAA3DD

513F72

D6BEFA

392959

F2DAFF

221441

FFF6FF

11002B

000115

000000

846FA6

846FA6

7A5EA6

8E80A6

6F4EA6

9990A6

653DA6

A3A1A6

5B2DA6

ADB1A6

511CA6

B7C2A6

460BA6

C2D3A6

3F00A6

CCE3A6

D6F4A6

E0FFA6

Harmonies

Analogous

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



5879B1



846FA6



A16690

Triad

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



846FA6



9D6F45



02887E

Complementary

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



846FA6



91A66F

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.



428662



846FA6



847940

Square

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



846FA6



AC6658



66814A



00869A

Rectangle

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



846FA6



AC627D



66814A



228775

Sweetspot

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



846FA6



CBC3D9



6F92A6



66606E



EDEDED



6E6E6E

Same Dimension

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



846FA6



A382D9



9F6FA6



4F4C54



380094



080014

Inverse Universe

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



A66F91



D982B8



76A66F



544C51



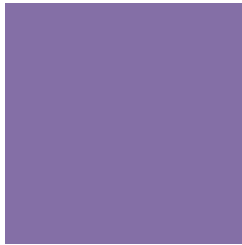
94005B



14000D

Previews

White Background



This preview shows how the Hex color 846FA6 looks on a white background.

Color Contrast Check

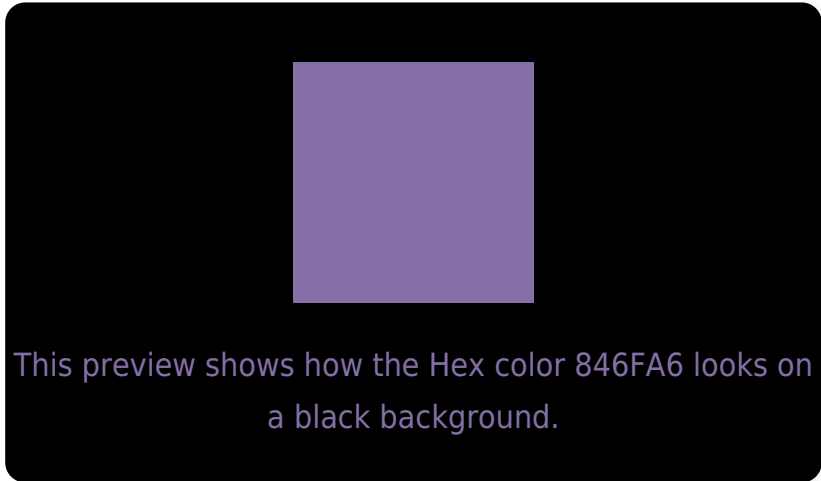
Large Text (above 18pt) WCAG AA ✓ Pass

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 846FA6 Background



This preview shows how black text looks on a background with the Hex color 846FA6.

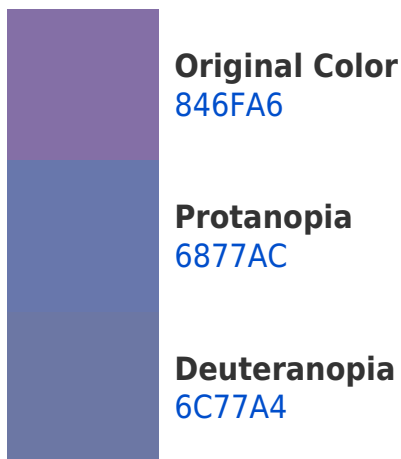


This preview shows how white text looks on a background with the Hex color 846FA6.

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
7D7780

Trichromacy



Original Color
846FA6

Protanomaly
7274AA

Deuteranomaly
7574A5

Tritanomaly
80748E

Monochromacy



Original Color
846FA6

Achromatopsia
7C7C7C

Achromatomaly
7F778B

CSS Examples

Text

The CSS property to change the color of the text to Hex 846FA6 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 #846FA6 looks like.

```
.text, #text, p{  
    color:#846FA6  
}
```

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 #846FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846FA6
}
```

Border

The CSS property to change the border of an element to Hex 846FA6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

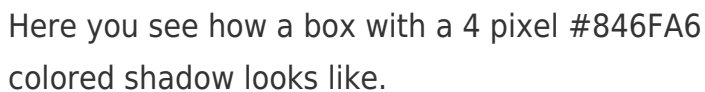
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846FA6 }
```

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

```
.border{ border-color:#846FA6 }
```

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



Here you see how a box with a 4 pixel #846FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846FA6; -webkit-box-shadow:4px 4px  
4px 4px #846FA6; box-shadow:4px 4px 4px  
4px #846FA6 }
```

Background

The CSS property to change the background color of an element to Hex 846FA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846FA6 }
```

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

```
.background{ background-color:#846FA6 }
```

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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