

Converting Colors

Hex(8B6DA6)

Have a look what the booklet for
Hex(8B6DA6) contains.

Hex(8B6DA6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8B6DA6)

Conversions

Conversions Part 1

Format	Color
Hex	8B6DA6
RGB	139, 109, 166
RGB Percent	55%, 43%, 65%
CMY	0.4549, 0.5725, 0.3490
CMYK	0.16, 0.34, 0.00, 0.35
HSL	272°, 24%, 54%
HSV	272°, 34%, 65%
XYZ	22.9990, 19.1794, 38.5662
YIQ	124.4680, -0.4170, 24.0870

Conversions

Conversions Part 2

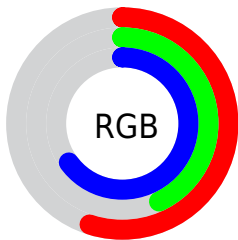
Format	Color
R_{YB}	139, 109, 166
Decimal	9137574
CIE _{Lab}	50.90, 23.23, -26.17
CIE _{LCh}	51, 34.990, 311.591
Yxy	19.1794, 0.2848, 0.2375
Android (android.graphics.Color)	4287327654 (0xFF8B6DA6)
YUV	124.4680, 20.4753, 12.7446
Hunter-Lab	43.7943, 17.1011, -21.5560

Details

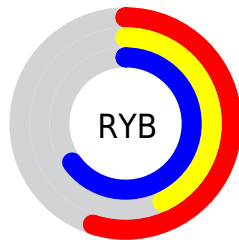
The Hex color **8B6DA6** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **88A66D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C1A1DD**, and **583D72** is the 20% darker color. If you saturate the color by 10%, you get **835CA6**, and if you desaturate by 10%, it is **937EA6**.

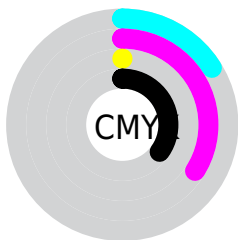
Distribution



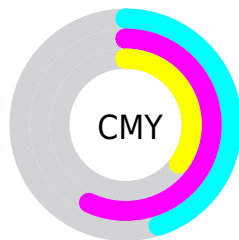
- Red (55%)
- Green (43%)
- Blue (65%)



- Red (55%)
- Yellow (43%)
- Blue (65%)



- Cyan (16%)
- Magenta (34%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (57%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B6DA6 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 8B6DA6 by changing the saturation by 10% instead.

8B6DA6

8B6DA6

FFFFFF

71548B

C1A1DD

583D72

DDBCFA

402759

FAD8FF

281141

FFF4FF

17002B

000115

000000

8B6DA6

8B6DA6

835CA6

937EA6

 7B4CA6

 9B8EA6

 733BA6

 A39FA6

 6C2BA6

 AAFA6

 641AA6

 B2C0A6

 5C09A6

 BAD1A6

 5700A6

 C2E1A6

 CAF2A6

 D2FFA6

Harmonies

Analogous

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



5E78B3



8B6DA6



A7648D

Triad

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



8B6DA6



9B7140



008984

Complementary

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



8B6DA6



88A66D

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.



368765



8B6DA6



807B3D

Square

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



8B6DA6



AD6753



60834B



0087A0

Rectangle

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



8B6DA6



B06179



60834B



00897A

Sweetspot

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



8B6DA6



CEC3D9



6D89A6



67606E



EDEDED



6E6E6E

Same Dimension

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



8B6DA6



AF80D9



A66DA5



504C54



4E0094



0B0014

Inverse Universe

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



A66D88



D980AA



6DA66E



544C50



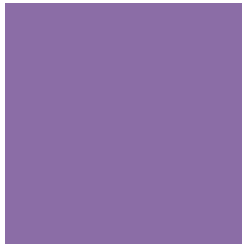
940046



14000A

Previews

White Background



This preview shows how the Hex color 8B6DA6 looks on a white background.

Color Contrast Check

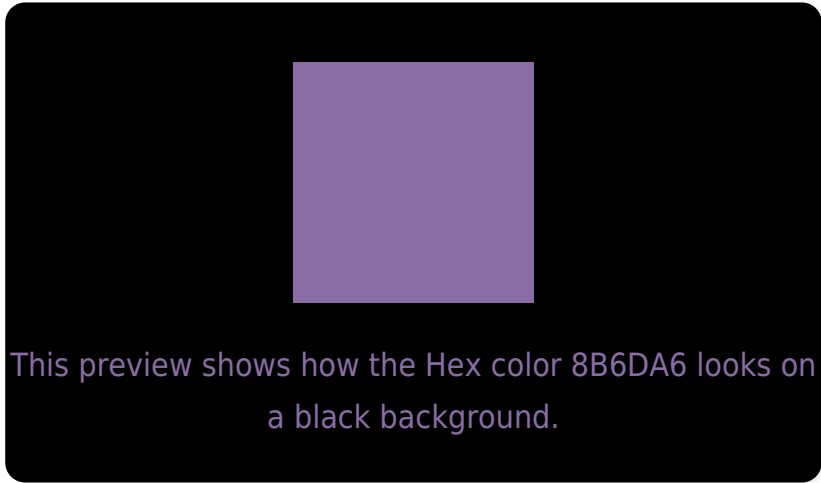
Large Text (above 18pt) WCAG AA ✓ Pass

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

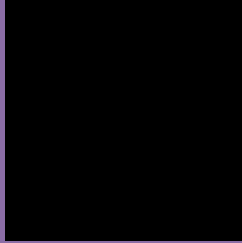
Any Text WCAG AA ✓ Pass

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 8B6DA6 Background



This preview shows how black text looks on a background with the Hex color 8B6DA6.

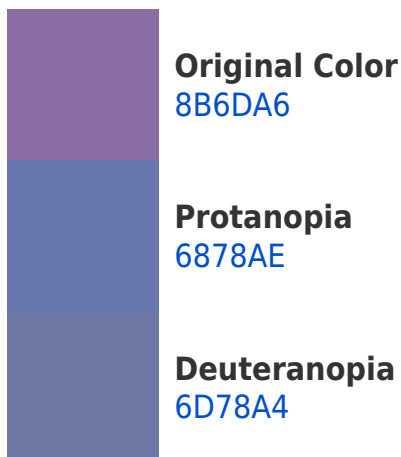


This preview shows how white text looks on a background with the Hex color 8B6DA6.

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](#).

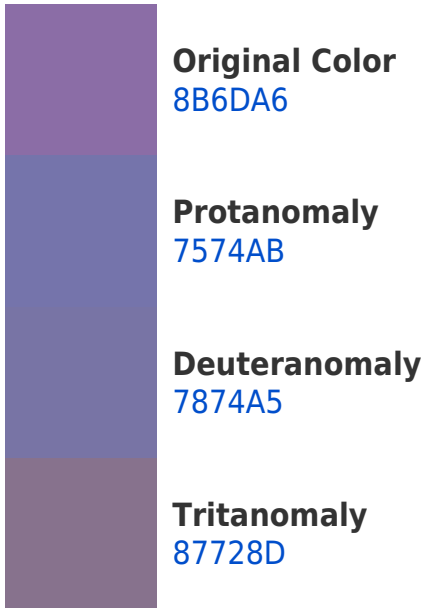
Dichromacy



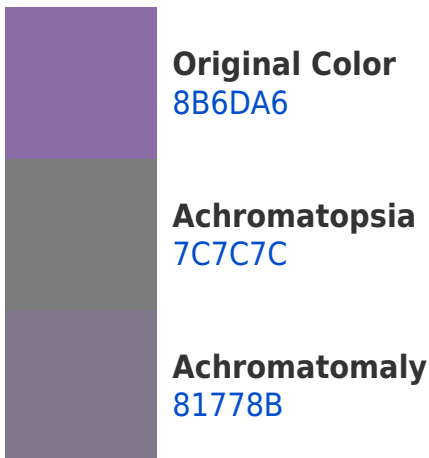


Tritanopia
84757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8B6DA6 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 #8B6DA6 looks like.

```
.text, #text, p{  
    color:#8B6DA6  
}
```

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 #8B6DA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B6DA6
}
```

Border

The CSS property to change the border of an element to Hex 8B6DA6 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
#8B6DA6 }
```

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

```
.border{ border-color:#8B6DA6 }
```

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

Here you see how a box with a 4 pixel #8B6DA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B6DA6; -webkit-box-shadow:4px 4px  
4px 4px #8B6DA6; box-shadow:4px 4px 4px  
4px #8B6DA6 }
```

Background

The CSS property to change the background color of an element to Hex 8B6DA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B6DA6 }
```

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

```
.background{ background-color:#8B6DA6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor