

Converting Colors

Hex(8674BD)

Have a look what the booklet for
Hex(8674BD) contains.

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Color

Hex(8674BD)

Conversions

Conversions Part 1

Format	Color
Hex	8674BD
RGB	134, 116, 189
RGB Percent	53%, 45%, 74%
CMY	0.4745, 0.5451, 0.2588
CMYK	0.29, 0.39, 0.00, 0.26
HSL	255°, 36%, 60%
HSV	255°, 39%, 74%
XYZ	25.2622, 21.2332, 50.9111
YIQ	129.7040, -12.7050, 26.5190

Conversions

Conversions Part 2

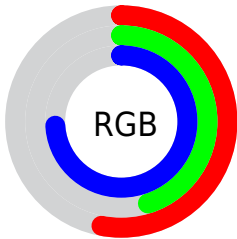
Format	Color
R_{YB}	134, 116, 189
Decimal	8811709
CIE _{Lab}	53.20, 23.18, -35.91
CIE _{LCh}	53, 42.747, 302.842
Yxy	21.2332, 0.2593, 0.2180
Android (android.graphics.Color)	4287001789 (0xFF8674BD)
YUV	129.7040, 29.2329, 3.7676
Hunter-Lab	46.0795, 17.2200, -33.2510

Details

The Hex color **8674BD** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ABBD74**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BDA8F6**, and **524487** is the 20% darker color. If you saturate the color by 10%, you get **7861BD**, and if you desaturate by 10%, it is **9487BD**.

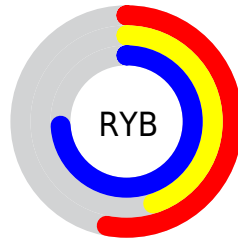
Distribution



Red (53%)

Green (45%)

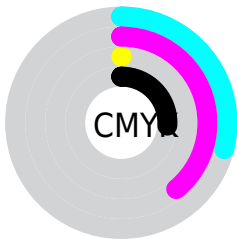
Blue (74%)



Red (53%)

Yellow (45%)

Blue (74%)

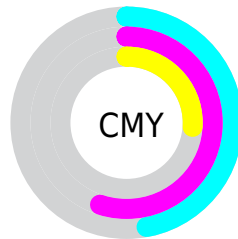


Cyan (29%)

Magenta (39%)

Yellow (0%)

Black (26%)



Cyan (47%)

Magenta (55%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8674BD 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 8674BD by changing the saturation by 10% instead.

8674BD

8674BD

FFFFFF

6C5BA2

BDA8F6

524487

D9C3FF

392D6E

F6DFFF

1F1855

FFFCFF

05003D

000327

000110

000000

8674BD

8674BD

7861BD

9487BD

6A4EBD

A29ABD

5B3BBD

B1ADBD

4D28BD

BFC0BD

3F15BD

CDD3BD

3103BD

DBE5BD

2F00BD

EAF8BD

F8FFBD

FFFFBD

Harmonies

Analogous

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



4182C8



8674BD



AF66A1

Triad

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



8674BD



AF713E



009282

Complementary

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



8674BD



ABBD74

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.



398F5C



8674BD



917E32

Square

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



8674BD



C16459



6B883F



0091A6

Rectangle

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



8674BD



BE6089



6B883F



009175

Sweetspot

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



8674BD



DFD7F5



74ACBD



6D697A



FAFAFA



7A7A7A

Same Dimension

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



8674BD



A084F5



AA74BD



57555E



27009E



08001F

Inverse Universe

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



BD74AB



F584D9



87BD74



5E555C



9E0077



1F0017

Previews

White Background



This preview shows how the Hex color 8674BD looks on a white background.

Color Contrast Check

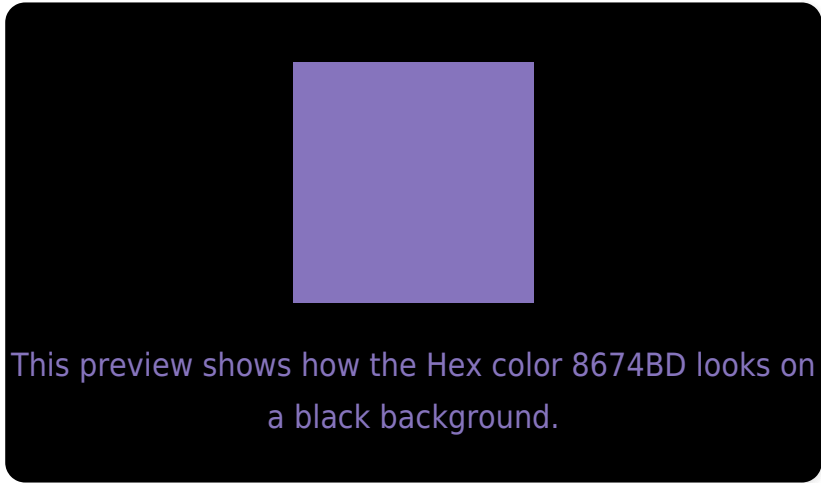
Large Text (above 18pt) WCAG AA ✓ Pass

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 8674BD Background



This preview shows how black text looks on a background with the Hex color 8674BD.

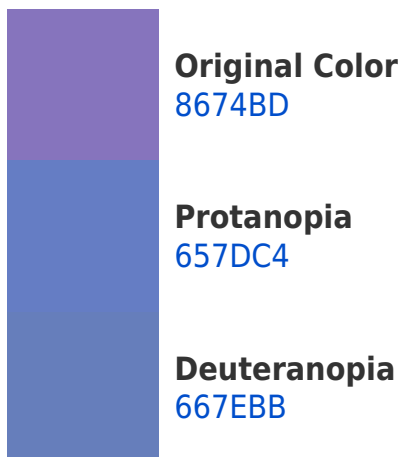


This preview shows how white text looks on a background with the Hex color 8674BD.

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](#).

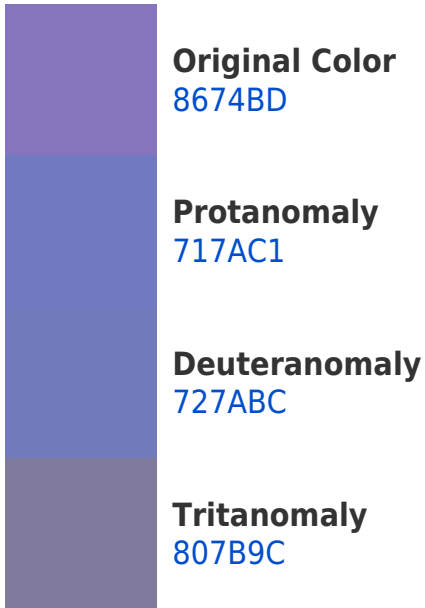
Dichromacy



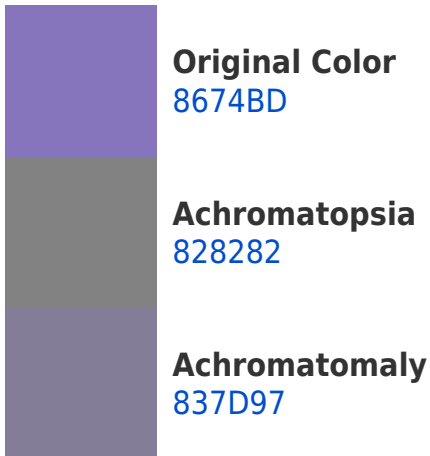


Tritanopia
7C7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8674BD 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 #8674BD looks like.

```
.text, #text, p{  
    color:#8674BD  
}
```

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 #8674BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8674BD  
}
```

Border

The CSS property to change the border of an element to Hex 8674BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

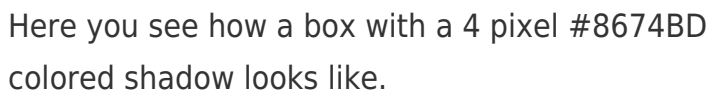
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8674BD }
```

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

```
.border{ border-color:#8674BD }
```

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



Here you see how a box with a 4 pixel #8674BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8674BD; -webkit-box-shadow:4px 4px  
4px 4px #8674BD; box-shadow:4px 4px 4px  
4px #8674BD }
```

Background

The CSS property to change the background color of an element to Hex 8674BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8674BD }
```

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

```
.background{ background-color:#8674BD }
```

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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