

Converting Colors

Hex(8176BC)

Have a look what the booklet for
Hex(8176BC) contains.

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Color

Hex(8176BC)

Conversions

Conversions Part 1

Format	Color
Hex	8176BC
RGB	129, 118, 188
RGB Percent	51%, 46%, 74%
CMY	0.4941, 0.5373, 0.2627
CMYK	0.31, 0.37, 0.00, 0.26
HSL	249°, 34%, 60%
HSV	249°, 37%, 74%
XYZ	24.6088, 21.2548, 50.3825
YIQ	129.2690, -15.9140, 24.1020

Conversions

Conversions Part 2

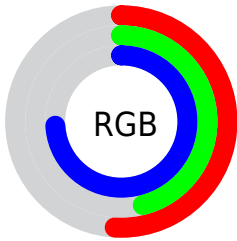
Format	Color
R _Y B	129, 118, 188
Decimal	8484540
CIE Lab	53.23, 20.29, -35.34
CIE LCh	53, 40.744, 299.860
Yxy	21.2548, 0.2557, 0.2208
Android (android.graphics.Color)	4286674620 (0xFF8176BC)
YUV	129.2690, 28.9544, -0.2359
Hunter-Lab	46.1030, 14.5994, -32.5216

Details

The Hex color **8176BC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B1BC76**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B8AAF5**, and **4D4686** is the 20% darker color. If you saturate the color by 10%, you get **7163BC**, and if you desaturate by 10%, it is **9189BC**.

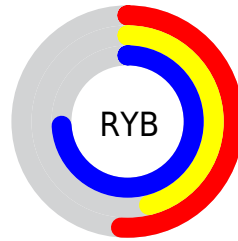
Distribution



Red (51%)

Green (46%)

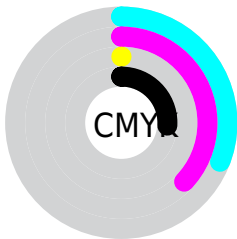
Blue (74%)



Red (51%)

Yellow (46%)

Blue (74%)

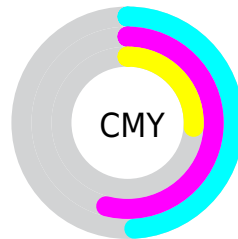


Cyan (31%)

Magenta (37%)

Yellow (0%)

Black (26%)



Cyan (49%)

Magenta (54%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8176BC 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 8176BC by changing the saturation by 10% instead.

■ 8176BC

■ 8176BC

FFFFFF

■ 675DA1

■ B8AAF5

■ 4D4686

■ D4C5FF

■ 342F6D

■ F1E1FF

■ 191A54

FFFEFF

■ 00013D

■ 000326

■ 00010F

■ 000000

■ 8176BC

■ 8176BC

7163BC

9189BC

6150BC

A19CBC

513EBC

B1AEBC

422BBC

C0C1BC

3218BC

D0D4BC

2205BC

E0E7BC

1E00BC

F0FABC

FFFFBC

Harmonies

Analogous

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



3E83C5



8176BC



AA69A3

Triad

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



8176BC



B07043



00917E

Complementary

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



8176BC



B1BC76

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.



438E5B



8176BC



947D37

Square

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



8176BC



BF655E



708740



0090A1

Rectangle

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



8176BC



BA638D



708740



079072

Sweetspot

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



8176BC



DEDAF5



76B2BC



6D6A7A



FAFAFA



7A7A7A

Same Dimension

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



8176BC



9887F5



A476BC



56555E



19009E



05001F

Inverse Universe

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



BC76B1



F587E3



8FBC76



5E555D



9E0085



1F001A

Previews

White Background



This preview shows how the Hex color 8176BC looks on a white background.

Color Contrast Check

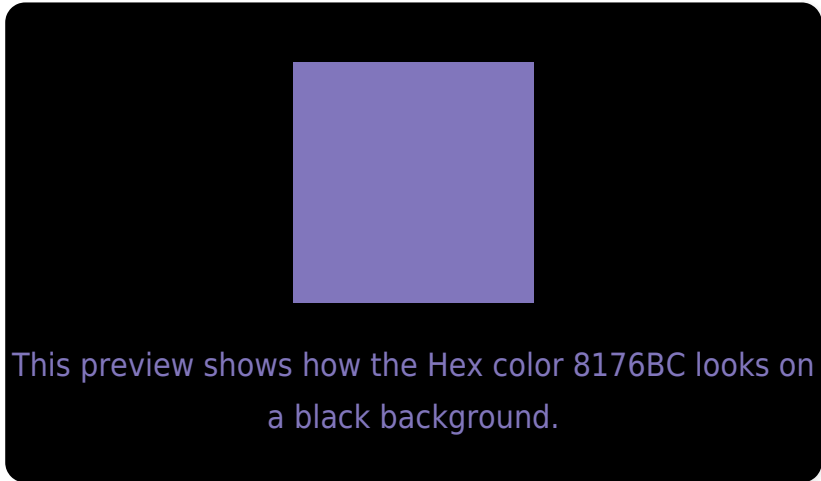
Large Text (above 18pt) WCAG AA ✓ Pass

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 8176BC Background



This preview shows how black text looks on a background with the Hex color 8176BC.

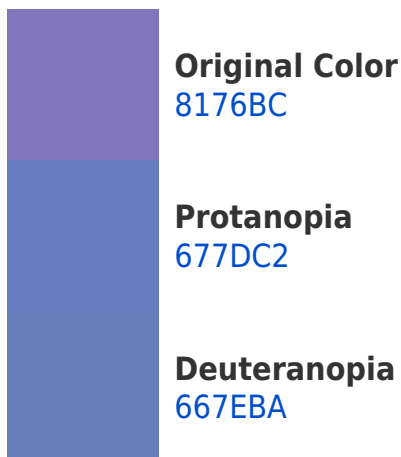


This preview shows how white text looks on a background with the Hex color 8176BC.

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](#).

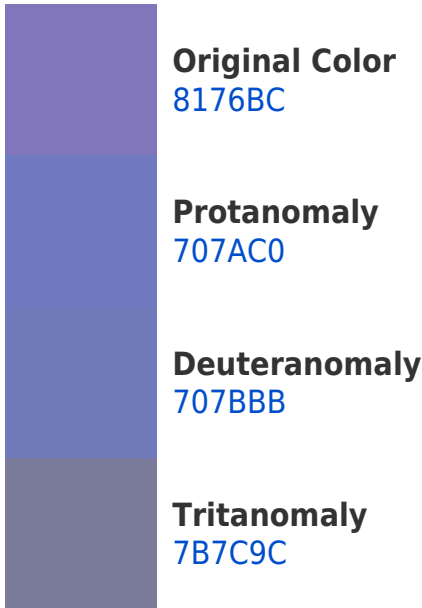
Dichromacy



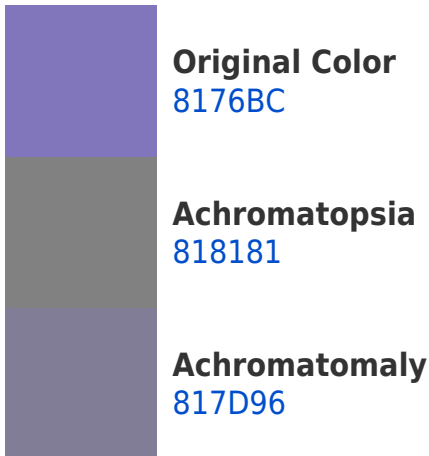


Tritanopia
77808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8176BC 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 #8176BC looks like.

```
.text, #text, p{  
    color:#8176BC  
}
```

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 #8176BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8176BC
}
```

Border

The CSS property to change the border of an element to Hex 8176BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

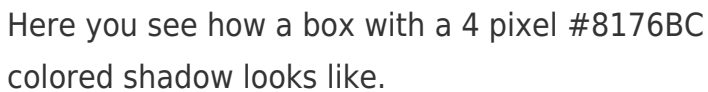
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8176BC }
```

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

```
.border{ border-color:#8176BC }
```

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



Here you see how a box with a 4 pixel #8176BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8176BC; -webkit-box-shadow:4px 4px  
4px 4px #8176BC; box-shadow:4px 4px 4px  
4px #8176BC }
```

Background

The CSS property to change the background color of an element to Hex 8176BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8176BC }
```

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

```
.background{ background-color:#8176BC }
```

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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