

Converting Colors

Hex(8076B7)

Have a look what the booklet for
Hex(8076B7) contains.

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Color

Hex(8076B7)

Conversions

Conversions Part 1

Format	Color
Hex	8076B7
RGB	128, 118, 183
RGB Percent	50%, 46%, 72%
CMY	0.4980, 0.5373, 0.2824
CMYK	0.30, 0.36, 0.00, 0.28
HSL	249°, 31%, 59%
HSV	249°, 36%, 72%
XYZ	23.9278, 20.9650, 47.5853
YIQ	128.4000, -14.9050, 22.3350

Conversions

Conversions Part 2

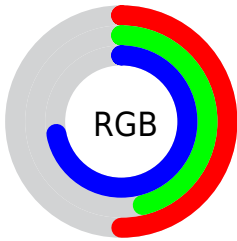
Format	Color
R_{YB}	128, 118, 183
Decimal	8418999
CIE _{Lab}	52.91, 18.68, -32.96
CIE _{LCh}	53, 37.889, 299.542
Yxy	20.9650, 0.2587, 0.2267
Android (android.graphics.Color)	4286609079 (0xFF8076B7)
YUV	128.4000, 26.9178, -0.3508
Hunter-Lab	45.7875, 13.1529, -29.5666

Details

The Hex color **8076B7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ADB776**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B6AAEF**, and **4C4682** is the 20% darker color. If you saturate the color by 10%, you get **7164B7**, and if you desaturate by 10%, it is **8F88B7**.

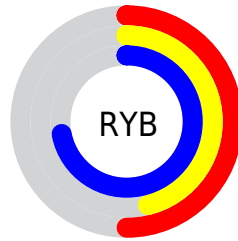
Distribution



Red (50%)

Green (46%)

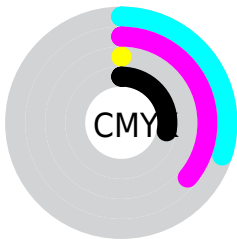
Blue (72%)



Red (50%)

Yellow (46%)

Blue (72%)

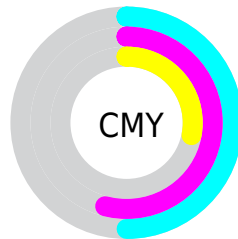


Cyan (30%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (54%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8076B7 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 8076B7 by changing the saturation by 10% instead.

■ 8076B7

■ 8076B7

FFFFFF

■ 665D9C

■ B6AAEF

■ 4C4682

■ D2C5FF

■ 332F68

■ EFE1FF

■ 1A1A50

FFFEFF

■ 020139

■ 000222

■ 000009

■ 000000

■ 8076B7

■ 8076B7

7164B7

8F88B7

6151B7

9F9BB7

523FB7

AEADB7

422DB7

BEBFB7

331AB7

CDD2B7

2308B7

DDE4B7

1C00B7

ECF6B7

FCFFB7

FFFFB7

Harmonies

Analogous

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



4682BF



8076B7



A66AA0

Triad

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



8076B7



AC7147



008F7D

Complementary

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



8076B7



ADB776

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.



498C5C



8076B7



927C3C

Square

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



8076B7



BB6660



718644



008E9D

Rectangle

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



8076B7



B5658B



718644



208E71

Sweetspot

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



8076B7



D7D3ED



76ADB7



6B6878



F7F7F7



787878

Same Dimension

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



8076B7



9787ED



A076B7



54535C



18009C



04001C

Inverse Universe

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



B776AD



ED87DD



8DB776



5C535A



9C0084



1C0018

Previews

White Background



This preview shows how the Hex color 8076B7 looks on a white background.

Color Contrast Check

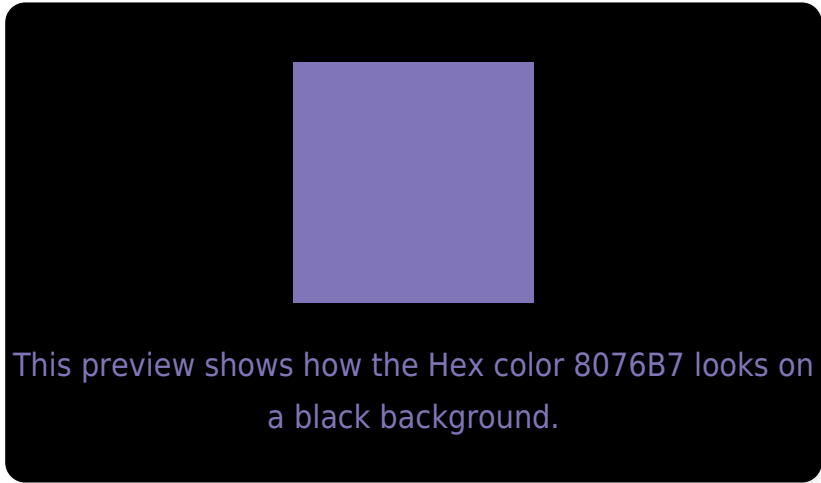
Large Text (above 18pt) WCAG AA ✓ Pass

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 8076B7 Background



This preview shows how black text looks on a background with the Hex color 8076B7.

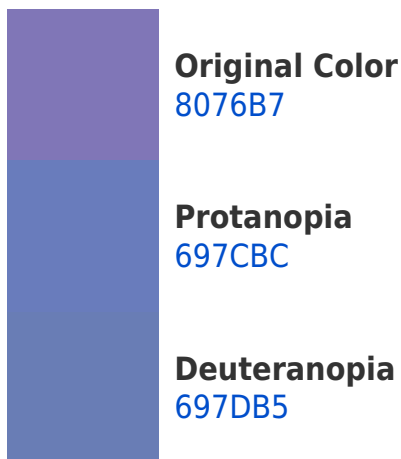


This preview shows how white text looks on a background with the Hex color 8076B7.

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](#).

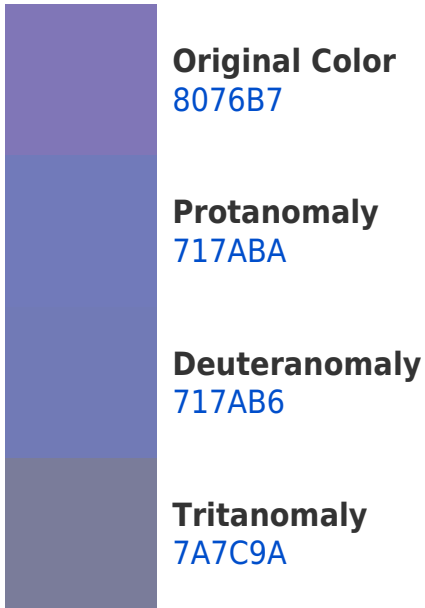
Dichromacy



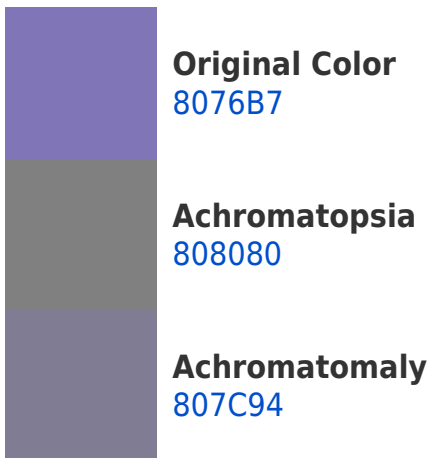


Tritanopia
777F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8076B7 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 #8076B7 looks like.

```
.text, #text, p{  
    color:#8076B7  
}
```

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 #8076B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8076B7  
}
```

Border

The CSS property to change the border of an element to Hex 8076B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

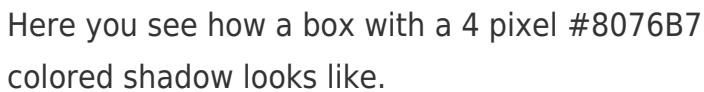
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8076B7 }
```

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

```
.border{ border-color:#8076B7 }
```

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



Here you see how a box with a 4 pixel `#8076B7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8076B7; -webkit-box-shadow:4px 4px  
4px 4px #8076B7; box-shadow:4px 4px 4px  
4px #8076B7 }
```

Background

The CSS property to change the background color of an element to Hex 8076B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8076B7 }
```

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

```
.background{ background-color:#8076B7 }
```

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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