

Converting Colors

Hex(8176BA)

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

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Color

Hex(8176BA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 8176BA |
| RGB | 129, 118, 186 |
| RGB Percent | 51%, 46%, 73% |
| CMY | 0.4941, 0.5373, 0.2706 |
| CMYK | 0.31, 0.37, 0.00, 0.27 |
| HSL | 250°, 33%, 60% |
| HSV | 250°, 37%, 73% |
| XYZ | 24.3946, 21.1692, 49.2547 |
| YIQ | 129.0410, -15.2720, 23.4800 |

Conversions

Conversions Part 2

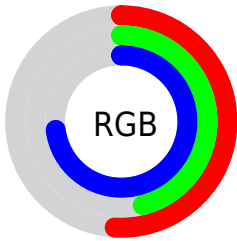
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 129, 118, 186 |
| Decimal | 8484538 |
| CIE _{Lab} | 53.13, 19.76, -34.33 |
| CIE _{LCh} | 53, 39.613, 299.922 |
| Yxy | 21.1692, 0.2573, 0.2233 |
| Android (android.graphics.Color) | 4286674618 (0xFF8176BA) |
| YUV | 129.0410, 28.0808, -0.0360 |
| Hunter-Lab | 46.0100, 14.1238, -31.2643 |

Details

The Hex color **8176BA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AFBA76**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B7AAF2**, and **4D4684** is the 20% darker color. If you saturate the color by 10%, you get **7163BA**, and if you desaturate by 10%, it is **9189BA**.

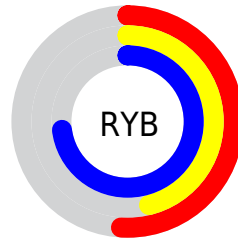
Distribution



Red (51%)

Green (46%)

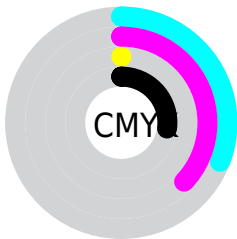
Blue (73%)



Red (51%)

Yellow (46%)

Blue (73%)

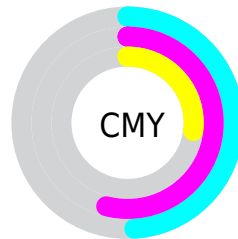


Cyan (31%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

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



8176BA



8176BA

FFFFFF



675D9F



B7AAF2



4D4684



D4C5FF



342F6B



F0E1FF



1A1A52

FFFEFF



01013B



000225



00010D



000000



8176BA



8176BA

7163BA

9189BA

6251BA

A09BBA

523EBA

B0AEBA

432CBA

BFC0BA

3319BA

CFD3BA

2306BA

DFE6BA

1E00BA

EEF8BA

FEFFBA

FFFFBA

Harmonies

Analogous

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



4282C3



8176BA



A969A2

Triad

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



8176BA



AE7144



00907E

Complementary

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



8176BA



AFBA76

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.



458D5B



8176BA



937D39

Square

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



8176BA



BE665F



718742



0090A0

Rectangle

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



8176BA



B8648C



718742



139072

Sweetspot

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



8176BA



DCD8F2



76B0BA



6D6A7A



FAFAFA



7A7A7A

Same Dimension

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



8176BA



9988F2



A276BA



54535C



19009C



05001C

Inverse Universe

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



BA76AF



F288E1



8EBA76



5C535A



9C0082



1C0018

Previews

White Background



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

Color Contrast Check

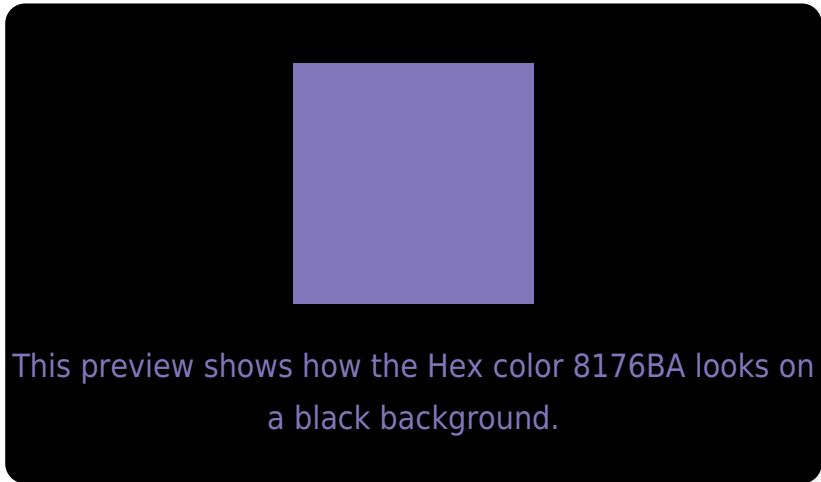
Large Text (above 18pt) WCAG AA ✓ Pass

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

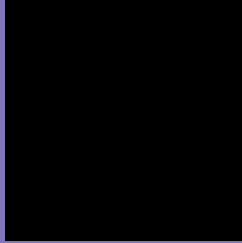
Any Text WCAG AA ✓ Pass

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 8176BA Background



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

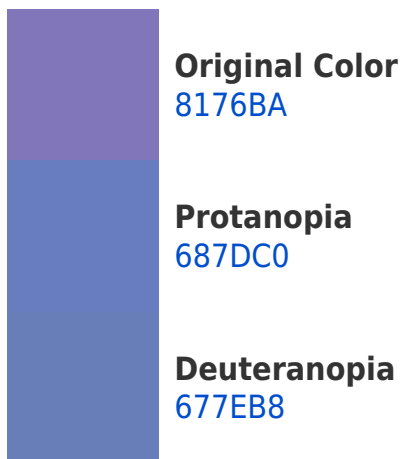


This preview shows how white text looks on a background with the Hex color 8176BA.

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](#).

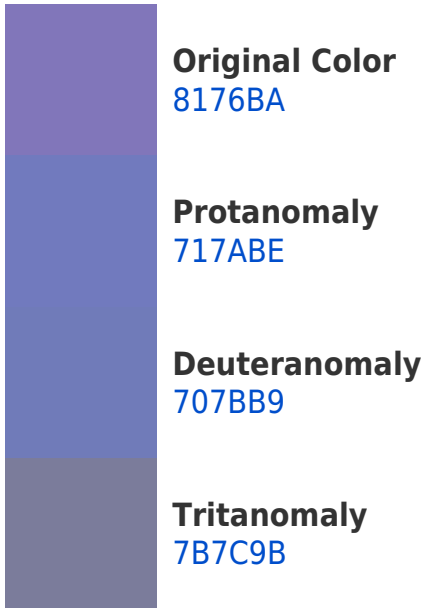
Dichromacy



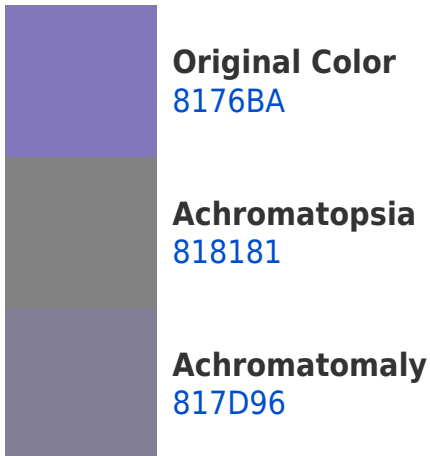


Tritanopia
77808A

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #8176BA colored shadow looks like.

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

Border

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

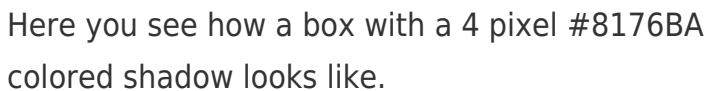
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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