

Converting Colors

Hex(8174BE)

Have a look what the booklet for
Hex(8174BE) contains.

Hex(8174BE)	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(8174BE)

Conversions

Conversions Part 1

Format	Color
Hex	8174BE
RGB	129, 116, 190
RGB Percent	51%, 45%, 75%
CMY	0.4941, 0.5451, 0.2549
CMYK	0.32, 0.39, 0.00, 0.25
HSL	251°, 36%, 60%
HSV	251°, 39%, 75%
XYZ	24.5929, 20.8756, 51.4484
YIQ	128.3230, -16.0060, 25.7700

Conversions

Conversions Part 2

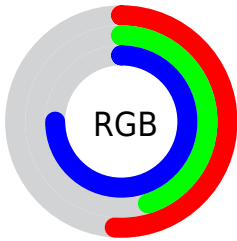
Format	Color
R_{YB}	129, 116, 190
Decimal	8484030
CIE _{Lab}	52.81, 22.00, -37.13
CIE _{LCh}	53, 43.162, 300.648
Yxy	20.8756, 0.2538, 0.2154
Android (android.graphics.Color)	4286674110 (0xFF8174BE)
YUV	128.3230, 30.4068, 0.5937
Hunter-Lab	45.6898, 16.1218, -34.7798

Details

The Hex color **8174BE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B1BE74**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B8A8F7**, and **4D4488** is the 20% darker color. If you saturate the color by 10%, you get **7161BE**, and if you desaturate by 10%, it is **9187BE**.

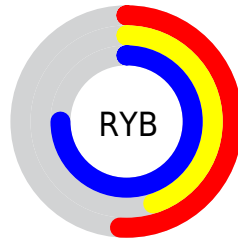
Distribution



Red (51%)

Green (45%)

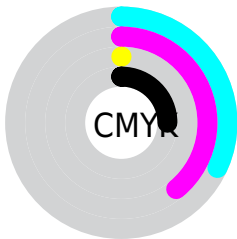
Blue (75%)



Red (51%)

Yellow (45%)

Blue (75%)

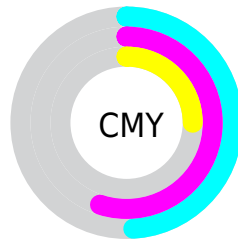


Cyan (32%)

Magenta (39%)

Yellow (0%)

Black (25%)



Cyan (49%)

Magenta (55%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8174BE 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 8174BE by changing the saturation by 10% instead.

8174BE

8174BE

FFFFFF

675BA3

B8A8F7

4D4488

D4C3FF

332D6E

F1DFFF

181856

FFFCFF

00003E

000327

000111

000000

8174BE

8174BE

7161BE

9187BE

624EBE

A09ABE

523BBE

B0ADBE

4228BE

C0C0BE

3315BE

CFD3BE

2302BE

DFE6BE

2100BE

EFF9BE

FEFFBE

FFFFBE

Harmonies

Analogous

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



3782C8



8174BE



AC66A3

Triad

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



8174BE



B06F3E



00917E

Complementary

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



8174BE



B1BE74

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.



3B8E58



8174BE



937C31

Square

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



8174BE



C1625A



6D873B



0090A3

Rectangle

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



8174BE



BD5F8B



6D873B



009071

Sweetspot

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



8174BE



DFDAF7



74B2BE



6F6B7D



FCFCFC



7D7D7D

Same Dimension

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



8174BE



9883F7



A574BE



57555E



1C009E



05001F

Inverse Universe

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



BE74B1



F783E3



8DBE74



5E555D



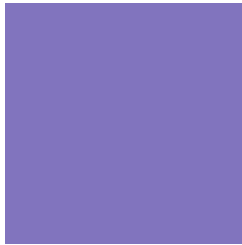
9E0082



1F0019

Previews

White Background



This preview shows how the Hex color 8174BE 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



This preview shows how the Hex color 8174BE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

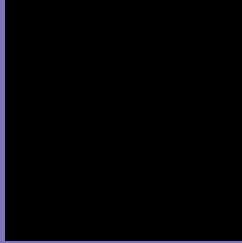
Any Text WCAG AA ✓ Pass

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 8174BE Background



This preview shows how black text looks on a background with the Hex color 8174BE.

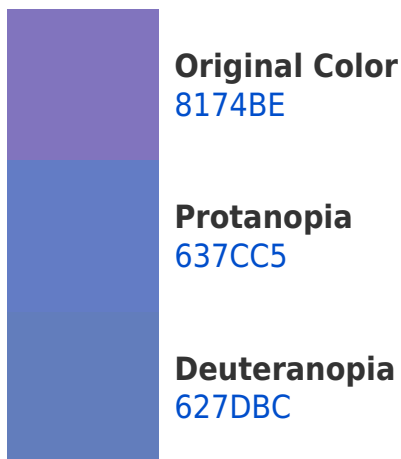


This preview shows how white text looks on a background with the Hex color 8174BE.

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](#).

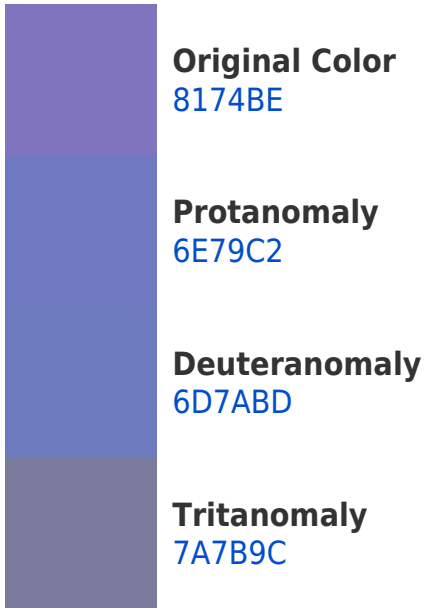
Dichromacy



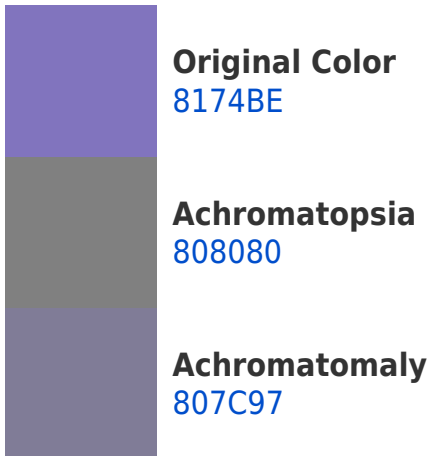


Tritanopia
767F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8174BE 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 #8174BE looks like.

```
.text, #text, p{  
    color:#8174BE  
}
```

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 #8174BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8174BE
}
```

Border

The CSS property to change the border of an element to Hex 8174BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

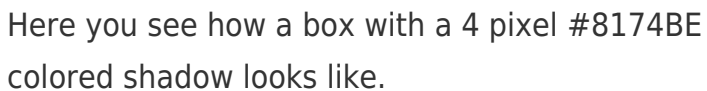
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8174BE }
```

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

```
.border{ border-color:#8174BE }
```

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



Here you see how a box with a 4 pixel #8174BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8174BE; -webkit-box-shadow:4px 4px  
4px 4px #8174BE; box-shadow:4px 4px 4px  
4px #8174BE }
```

Background

The CSS property to change the background color of an element to Hex 8174BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8174BE }
```

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

```
.background{ background-color:#8174BE }
```

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