

Converting Colors

Hex(8174AE)

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

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Color

Hex(8174AE)

Conversions

Conversions Part 1

Format	Color
Hex	8174AE
RGB	129, 116, 174
RGB Percent	51%, 45%, 68%
CMY	0.4941, 0.5451, 0.3176
CMYK	0.26, 0.33, 0.00, 0.32
HSL	253°, 26%, 57%
HSV	253°, 33%, 68%
XYZ	22.9386, 20.2139, 42.7371
YIQ	126.4990, -10.8700, 20.7940

Conversions

Conversions Part 2

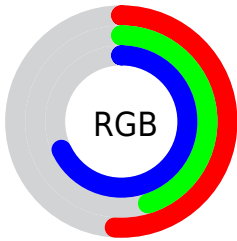
Format	Color
R_{YB}	129, 116, 174
Decimal	8484014
CIE _{Lab}	52.08, 17.86, -29.06
CIE _{LCh}	52, 34.109, 301.575
Yxy	20.2139, 0.2671, 0.2353
Android (android.graphics.Color)	4286674094 (0xFF8174AE)
YUV	126.4990, 23.4180, 2.1934
Hunter-Lab	44.9599, 12.3913, -24.8868

Details

The Hex color **8174AE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A1AE74**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B7A8E6**, and **4E4479** is the 20% darker color. If you saturate the color by 10%, you get **7463AE**, and if you desaturate by 10%, it is **8F85AE**.

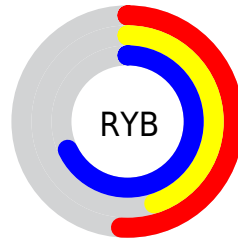
Distribution



Red (51%)

Green (45%)

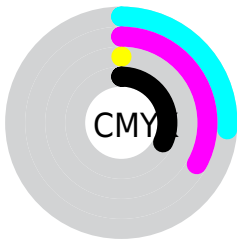
Blue (68%)



Red (51%)

Yellow (45%)

Blue (68%)

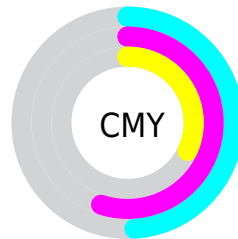


Cyan (26%)

Magenta (33%)

Yellow (0%)

Black (32%)



Cyan (49%)

Magenta (55%)

Yellow (32%)

Brightness & Saturation Gradients

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

■ 8174AE

■ 8174AE

FFFFFF

■ 675B93

■ B7A8E6

■ 4E4479

■ D3C3FF

■ 362D60

■ F0DFFF

■ 1E1948

■ FFFCFF

■ 090032

■ 00011C

■ 000000

■ 8174AE

■ 8174AE

■ 7463AE

■ 8F85AE

6651AE

9C97AE

5940AE

AAA8AE

4B2EAE

B7BAAE

3E1DAE

C4CBAE

300CAE

D2DCAE

2700AE

DFEEAE

EDFFAE

FBFFAE

Harmonies

Analogous

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



517FB6



8174AE



A26A98

Triad

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



8174AE



A57149



138B7D

Complementary

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



8174AE



A1AE74

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.



4B895F



8174AE



8D7B41

Square

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



8174AE



B3685F



6F8449



008B9A

Rectangle

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



8174AE



AF6586



6F8449



2B8B73

Sweetspot

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



8174AE



D1CCE3



74A1AE



686573



F2F2F2



737373

Same Dimension

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



8174AE



9D88E3



9E74AE



504E57



220096



050017

Inverse Universe

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



AE74A1



E388CF



84AE74



574E55



960075



170012

Previews

White Background



This preview shows how the Hex color 8174AE looks on a white background.

Color Contrast Check

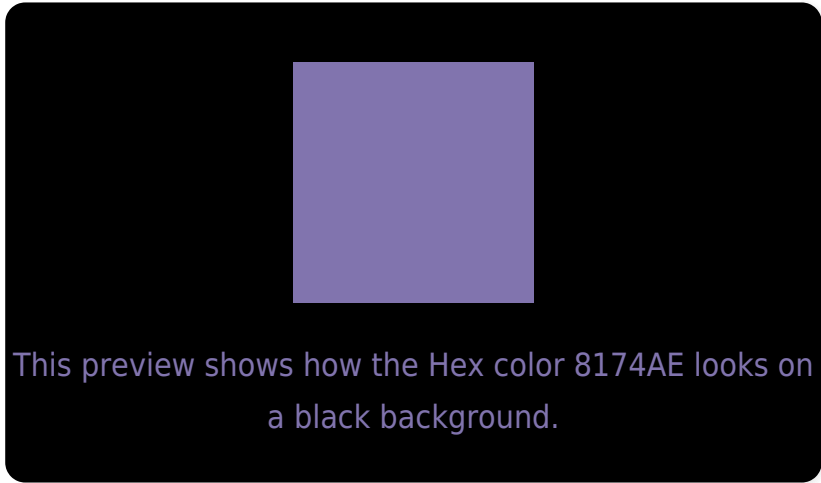
Large Text (above 18pt) WCAG AA ✓ Pass

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

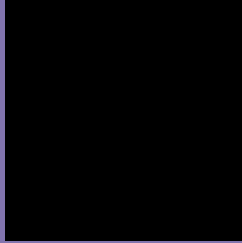
Any Text WCAG AA ✓ Pass

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 8174AE Background



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

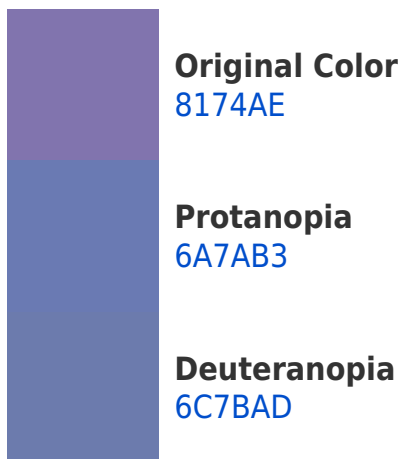


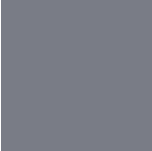
This preview shows how white text looks on a background with the Hex color 8174AE.

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](#).

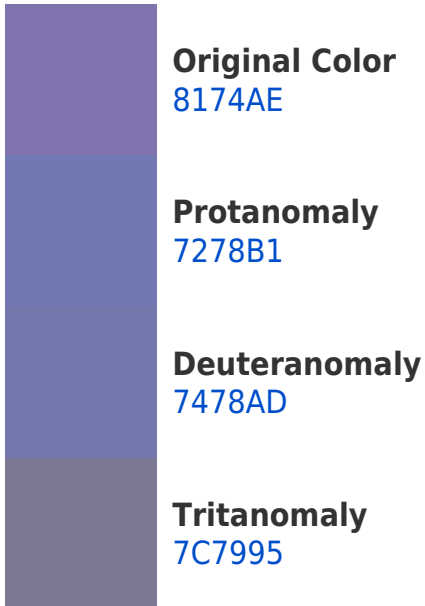
Dichromacy



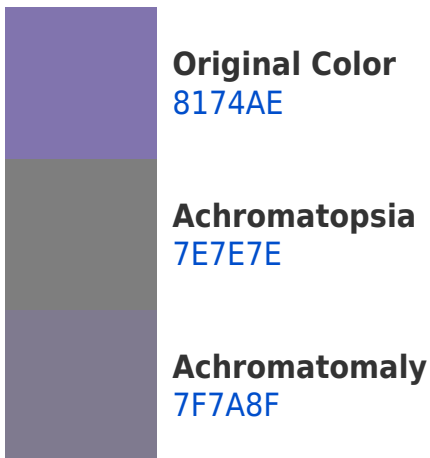


Tritanopia
797C86

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #8174AE colored shadow looks like.

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

Border

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

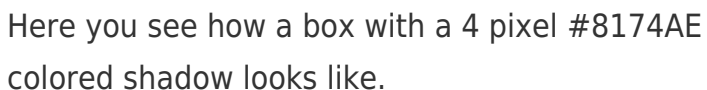
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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