

Converting Colors

Hex(8173AB)

Have a look what the booklet for
Hex(8173AB) contains.

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Color

Hex(8173AB)

Conversions

Conversions Part 1

Format	Color
Hex	8173AB
RGB	129, 115, 171
RGB Percent	51%, 45%, 67%
CMY	0.4941, 0.5490, 0.3294
CMYK	0.25, 0.33, 0.00, 0.33
HSL	255°, 25%, 56%
HSV	255°, 33%, 67%
XYZ	22.5347, 19.8689, 41.1754
YIQ	125.5700, -9.6320, 20.3840

Conversions

Conversions Part 2

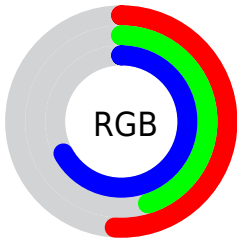
Format	Color
RYB	129, 115, 171
Decimal	8483755
CIELab	51.69, 17.70, -27.92
CIELCh	52, 33.062, 302.370
Yxy	19.8689, 0.2696, 0.2377
Android (android.graphics.Color)	4286673835 (0xFF8173AB)
YUV	125.5700, 22.3970, 3.0081
Hunter-Lab	44.5745, 12.2354, -23.5666

Details

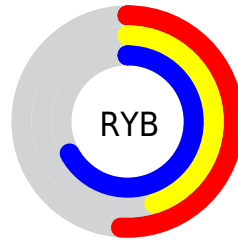
The Hex color **8173AB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9DAB73**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B7A7E3**, and **4E4376** is the 20% darker color. If you saturate the color by 10%, you get **7462AB**, and if you desaturate by 10%, it is **8E84AB**.

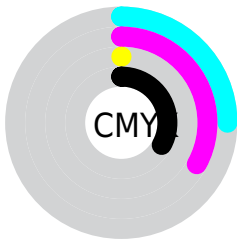
Distribution



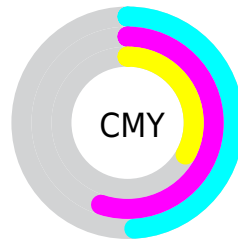
- Red (51%)
- Green (45%)
- Blue (67%)



- Red (51%)
- Yellow (45%)
- Blue (67%)



- Cyan (25%)
- Magenta (33%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (55%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8173AB 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 8173AB by changing the saturation by 10% instead.

■ 8173AB

■ 8173AB

FFFFFF

■ 675A90

■ B7A7E3

■ 4E4376

■ D3C2FF

■ 362D5E

■ EFDEFF

■ 1E1846

■ FFFBFF

■ 0B002F

■ 00011A

■ 000000

■ 8173AB

■ 8173AB

■ 7462AB

■ 8E84AB

6751AB

9B95AB

5B40AB

A7A6AB

4E2FAB

B4B7AB

411DAB

C1C8AB

340CAB

CEDAAB

2B00AB

DBEBAB

E8FCAB

F4FFAB

Harmonies

Analogous

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



537DB3



8173AB



A06996

Triad

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



8173AB



A2704A



198A7D

Complementary

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



8173AB



9DAB73

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.



4B8860



8173AB



8B7A42

Square

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



8173AB



B0685E



6D824A



008999

Rectangle

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



8173AB



AD6584



6D824A



2D8A73

Sweetspot

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



8173AB



CDC8DE



739DAB



666370



F0F0F0



707070

Same Dimension

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



8173AB



9D87DE



9D73AB



504E57



260096



060017

Inverse Universe

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



AB739D



DE87C8



81AB73



574E55



960071



170011

Previews

White Background



This preview shows how the Hex color 8173AB looks on a white background.

Color Contrast Check

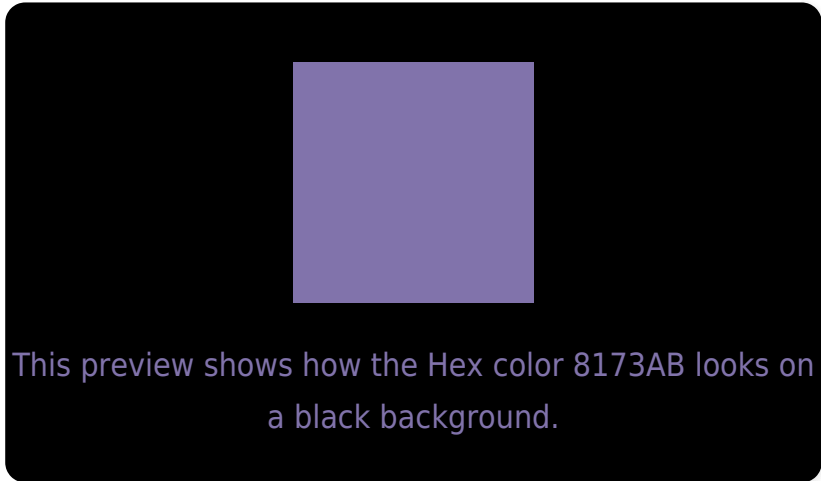
Large Text (above 18pt) WCAG AA ✓ Pass

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

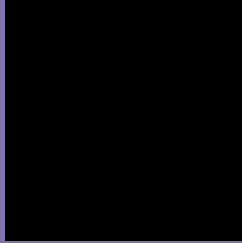
Any Text WCAG AA ✓ Pass

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 8173AB Background



This preview shows how black text looks on a background with the Hex color 8173AB.

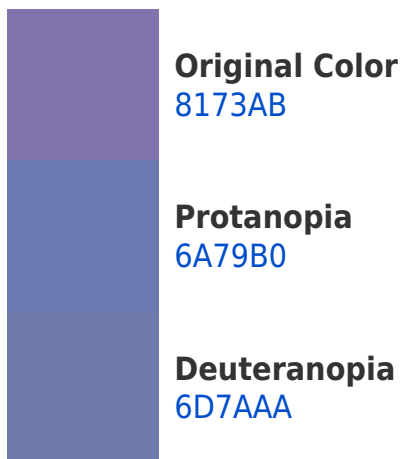


This preview shows how white text looks on a background with the Hex color 8173AB.

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](#).

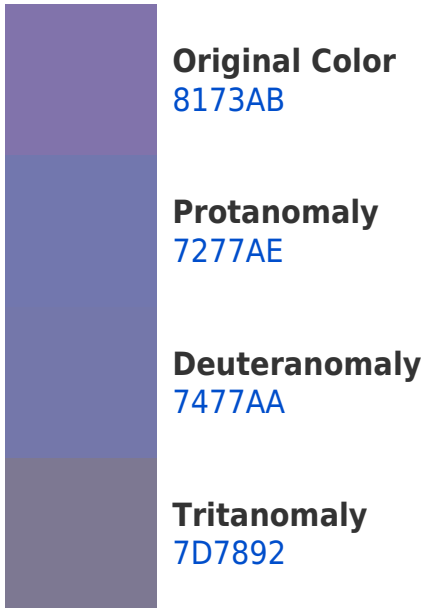
Dichromacy



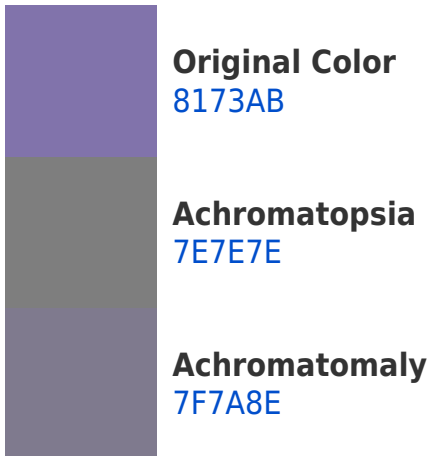


Tritanopia
7A7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8173AB 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 #8173AB looks like.

```
.text, #text, p{  
    color:#8173AB  
}
```

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 #8173AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8173AB
}
```

Border

The CSS property to change the border of an element to Hex 8173AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

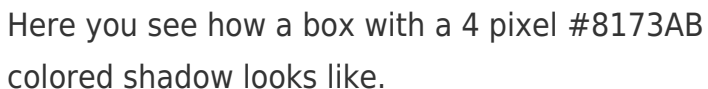
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8173AB }
```

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

```
.border{ border-color:#8173AB }
```

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



Here you see how a box with a 4 pixel #8173AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8173AB; -webkit-box-shadow:4px 4px  
4px 4px #8173AB; box-shadow:4px 4px 4px  
4px #8173AB }
```

Background

The CSS property to change the background color of an element to Hex 8173AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8173AB }
```

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

```
.background{ background-color:#8173AB }
```

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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