

Converting Colors

Hex(8173B2)

Have a look what the booklet for
Hex(8173B2) contains.

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Color

Hex(8173B2)

Conversions

Conversions Part 1

Format	Color
Hex	8173B2
RGB	129, 115, 178
RGB Percent	51%, 45%, 70%
CMY	0.4941, 0.5490, 0.3020
CMYK	0.28, 0.35, 0.00, 0.30
HSL	253°, 29%, 57%
HSV	253°, 35%, 70%
XYZ	23.2199, 20.1429, 44.7836
YIQ	126.3680, -11.8790, 22.5610

Conversions

Conversions Part 2

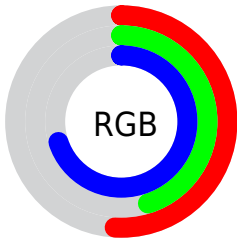
Format	Color
R_{YB}	129, 115, 178
Decimal	8483762
CIE _{Lab}	52.00, 19.47, -31.50
CIE _{LCh}	52, 37.030, 301.723
Yxy	20.1429, 0.2634, 0.2285
Android (android.graphics.Color)	4286673842 (0xFF8173B2)
YUV	126.3680, 25.4546, 2.3083
Hunter-Lab	44.8809, 13.8084, -27.7449

Details

The Hex color **8173B2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A4B273**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B7A7EA**, and **4E437D** is the 20% darker color. If you saturate the color by 10%, you get **7361B2**, and if you desaturate by 10%, it is **8F85B2**.

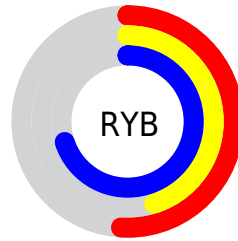
Distribution



Red (51%)

Green (45%)

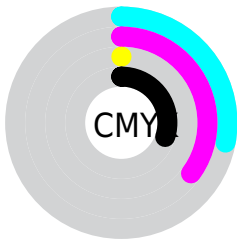
Blue (70%)



Red (51%)

Yellow (45%)

Blue (70%)

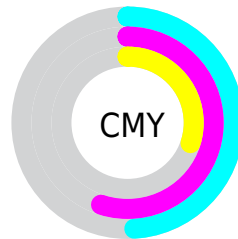


Cyan (28%)

Magenta (35%)

Yellow (0%)

Black (30%)



Cyan (49%)

Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8173B2 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 8173B2 by changing the saturation by 10% instead.



8173B2



8173B2

FFFFFF



675A97



B7A7EA



4E437D



D3C2FF



352D64



F0DEFF



1C184C



FFFBFF



070035



00021F



000001



000000



8173B2



8173B2

7361B2

8F85B2

654FB2

9D97B2

573EB2

ABA8B2

4A2CB2

B8BAB2

3C1AB2

C6CCB2

2E08B2

D4DEB2

2800B2

E2F0B2

F0FFB2

FEFFB2

Harmonies

Analogous

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



4A7FBB



8173B2



A5689B

Triad

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



8173B2



A76F45



008C7D

Complementary

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



8173B2



A4B273

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.



448A5D



8173B2



8E7B3B

Square

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



8173B2



B6655C



6D8444



008C9C

Rectangle

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



8173B2



B36386



6D8444



1B8C72

Sweetspot

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



8173B2



D4CFE8



73A4B2



696675



F5F5F5



757575

Same Dimension

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



8173B2



9C87E8



A073B2



525059



220099



06001A

Inverse Universe

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



B273A4



E887D2



85B273



595057



990077



1A0014

Previews

White Background



This preview shows how the Hex color 8173B2 looks on a white background.

Color Contrast Check

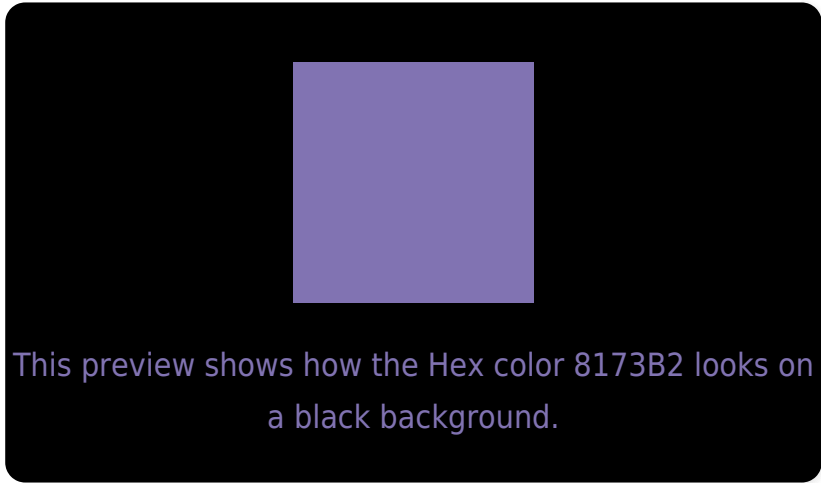
Large Text (above 18pt) WCAG AA ✓ Pass

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

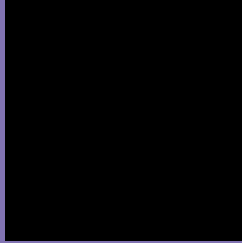
Any Text WCAG AA ✓ Pass

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 8173B2 Background



This preview shows how black text looks on a background with the Hex color 8173B2.

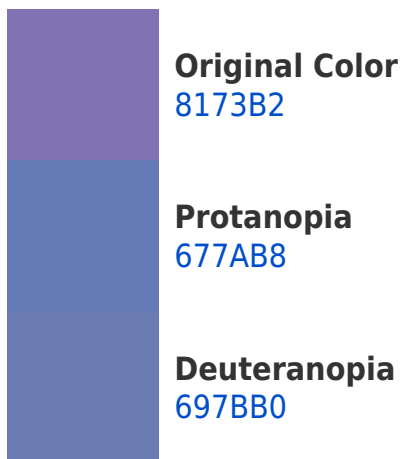



This preview shows how white text looks on a background with the Hex color 8173B2.

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
787C86

Trichromacy



Original Color
8173B2

Protanomaly
7077B6

Deuteranomaly
7278B1

Tritanomaly
7B7996

Monochromacy



Original Color
8173B2

Achromatopsia
7E7E7E

Achromatomaly
7F7A91

CSS Examples

Text

The CSS property to change the color of the text to Hex 8173B2 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 #8173B2 looks like.

```
.text, #text, p{  
    color:#8173B2  
}
```

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 #8173B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8173B2
}
```

Border

The CSS property to change the border of an element to Hex 8173B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

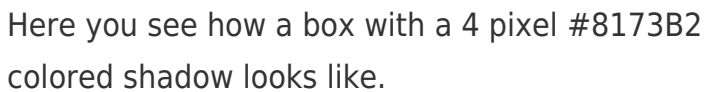
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8173B2 }
```

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

```
.border{ border-color:#8173B2 }
```

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



Here you see how a box with a 4 pixel #8173B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8173B2; -webkit-box-shadow:4px 4px  
4px 4px #8173B2; box-shadow:4px 4px 4px  
4px #8173B2 }
```

Background

The CSS property to change the background color of an element to Hex 8173B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8173B2 }
```

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

```
.background{ background-color:#8173B2 }
```

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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