

Converting Colors

Hex(8159BD)

Have a look what the booklet for
Hex(8159BD) contains.

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Color

Hex(8159BD)

Conversions

Conversions Part 1

Format	Color
Hex	8159BD
RGB	129, 89, 189
RGB Percent	51%, 35%, 74%
CMY	0.4941, 0.6510, 0.2588
CMYK	0.32, 0.53, 0.00, 0.26
HSL	264°, 43%, 55%
HSV	264°, 53%, 74%
XYZ	21.8109, 15.4860, 49.9836
YIQ	112.3600, -8.2600, 39.5800

Conversions

Conversions Part 2

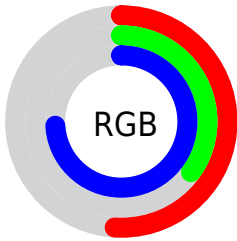
Format	Color
R_{YB}	129, 89, 189
Decimal	8477117
CIE _{Lab}	46.29, 37.61, -46.88
CIE _{LCh}	46, 60.103, 308.737
Yxy	15.4860, 0.2499, 0.1774
Android (android.graphics.Color)	4286667197 (0xFF8159BD)
YUV	112.3600, 37.7835, 14.5933
Hunter-Lab	39.3523, 30.0670, -47.7612

Details

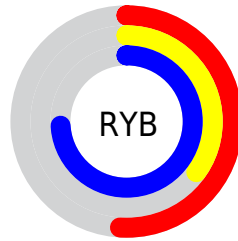
The Hex color **8159BD** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **95BD59**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B98CF6**, and **4B2987** is the 20% darker color. If you saturate the color by 10%, you get **7646BD**, and if you desaturate by 10%, it is **8C6CBD**.

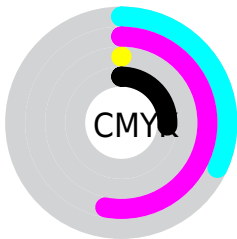
Distribution



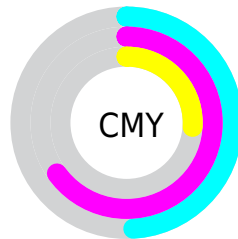
- Red (51%)
- Green (35%)
- Blue (74%)



- Red (51%)
- Yellow (35%)
- Blue (74%)



- Cyan (32%)
- Magenta (53%)
- Yellow (0%)
- Black (26%)





- Cyan (49%)
- Magenta (65%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8159BD 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 8159BD by changing the saturation by 10% instead.

 8159BD

 8159BD

FFFFFF

 6641A2

 B98CF6

 4B2987

 D5A7FF

 30126D

 F2C2FF

 120054

 FFDFFF


 00003C


 FFFBFF

 000225

 00010E

 000000

 8159BD

 8159BD

7646BD

8C6CBD

6A33BD

987FBD

5F20BD

A392BD

540DBD

AEA5BD

4C00BD

BAB8BD

C5CABD

D0DDBD

DCF0BD

E7FFBD

Harmonies

Analogous

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



006FD2



8159BD



B44093

Triad

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



8159BD



A15E00



00847C

Complementary

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



8159BD



95BD59

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.



008247



8159BD



777000

Square

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



8159BD



BD4631



3F7C11



0083AC

Rectangle

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



8159BD



C43672



3F7C11



00846A

Sweetspot

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



8159BD



DDCEF5



5995BD



6C637A



FAFAFA



7A7A7A

Same Dimension

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



8159BD



985BF5



B359BD



59555E



3F009E



0C001F

Inverse Universe

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



BD5995



F55BB7



63BD59



5E555B



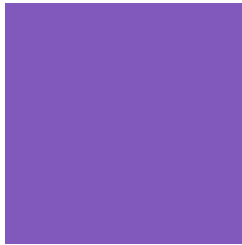
9E005F



1F0012

Previews

White Background



This preview shows how the Hex color 8159BD looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

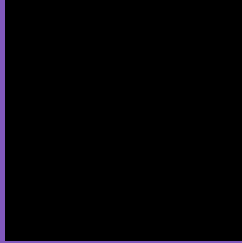
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8159BD Background



This preview shows how black text looks on a background with the Hex color 8159BD.

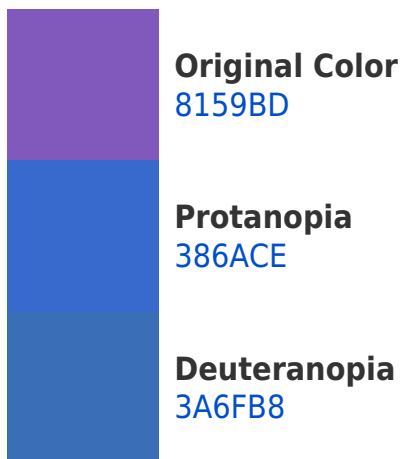


This preview shows how white text looks on a background with the Hex color 8159BD.

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
736B74

Trichromacy



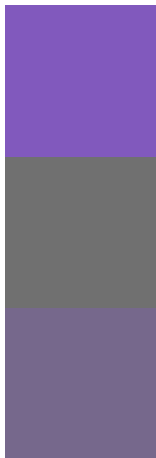
Original Color
8159BD

Protanomaly
5364C8

Deuteranomaly
5467BA

Tritanomaly
78648F

Monochromacy



Original Color
8159BD

Achromatopsia
707070

Achromatomaly
76688C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8159BD 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 #8159BD looks like.

```
.text, #text, p{  
    color:#8159BD  
}
```

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 #8159BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8159BD
}
```

Border

The CSS property to change the border of an element to Hex 8159BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

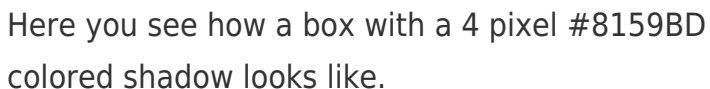
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8159BD }
```

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

```
.border{ border-color:#8159BD }
```

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



Here you see how a box with a 4 pixel #8159BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8159BD; -webkit-box-shadow:4px 4px  
4px 4px #8159BD; box-shadow:4px 4px 4px  
4px #8159BD }
```

Background

The CSS property to change the background color of an element to Hex 8159BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8159BD }
```

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

```
.background{ background-color:#8159BD }
```

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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