

Converting Colors

Hex(7B59C3)

Have a look what the booklet for
Hex(7B59C3) contains.

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Color

Hex(7B59C3)

Conversions

Conversions Part 1

Format	Color
Hex	7B59C3
RGB	123, 89, 195
RGB Percent	48%, 35%, 76%
CMY	0.5176, 0.6510, 0.2353
CMYK	0.37, 0.54, 0.00, 0.24
HSL	259°, 47%, 56%
HSV	259°, 54%, 76%
XYZ	21.5911, 15.2958, 53.4442
YIQ	111.2500, -13.7620, 40.1740

Conversions

Conversions Part 2

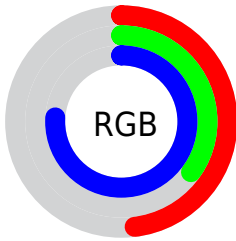
Format	Color
RYB	123, 89, 195
Decimal	8083907
CIELab	46.04, 37.68, -50.80
CIELCh	46, 63.254, 306.564
Yxy	15.2958, 0.2390, 0.1693
Android (android.graphics.Color)	4286273987 (0xFF7B59C3)
YUV	111.2500, 41.2888, 10.3048
Hunter-Lab	39.1099, 30.1007, -53.6436

Details

The Hex color **7B59C3** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **A1C359**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B38CFC**, and **44298C** is the 20% darker color. If you saturate the color by 10%, you get **6E45C3**, and if you desaturate by 10%, it is **886DC3**.

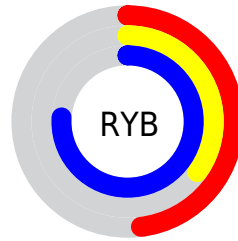
Distribution



Red (48%)

Green (35%)

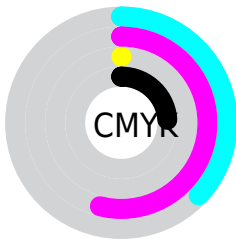
Blue (76%)



Red (48%)

Yellow (35%)

Blue (76%)

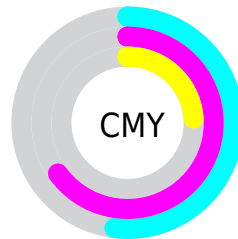


Cyan (37%)

Magenta (54%)

Yellow (0%)

Black (24%)



Cyan (52%)

Magenta (65%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B59C3 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 7B59C3 by changing the saturation by 10% instead.

 7B59C3

 7B59C3

FFFFFF

 6041A7

 B38CFC

 44298C

 D0A7FF

 271272

 EDC2FF

 000059

 FFDEFF

 000041

 FFFBFF

 00032A

 000114

 000000

 7B59C3

 7B59C3

6E45C3

886DC3

6132C3

9580C3

531EC3

A393C3

460BC3

B0A7C3

3F00C3

BDBBC3

CACEC3

D8E1C3

E5F5C3

F2FFC3

Harmonies

Analogous

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



0070D7



7B59C3



B43D98

Triad

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



7B59C3



A55A00



008478

Complementary

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



7B59C3



A1C359

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.



008240



7B59C3



7A6F00

Square

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



7B59C3



C14031



407B00



0084AB

Rectangle

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



7B59C3



C62F75



407B00



008465

Sweetspot

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



7B59C3



E1D4FC



59A1C3



6F6780



000000



808080

Same Dimension

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



7B59C3



8D58FC



B059C3



5A5761



3400A1



0B0021

Inverse Universe

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



C359A1



FC58C8



6CC359



61575E



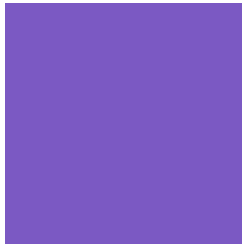
A1006D



210017

Previews

White Background



This preview shows how the Hex color 7B59C3 looks on a white background.

Color Contrast Check

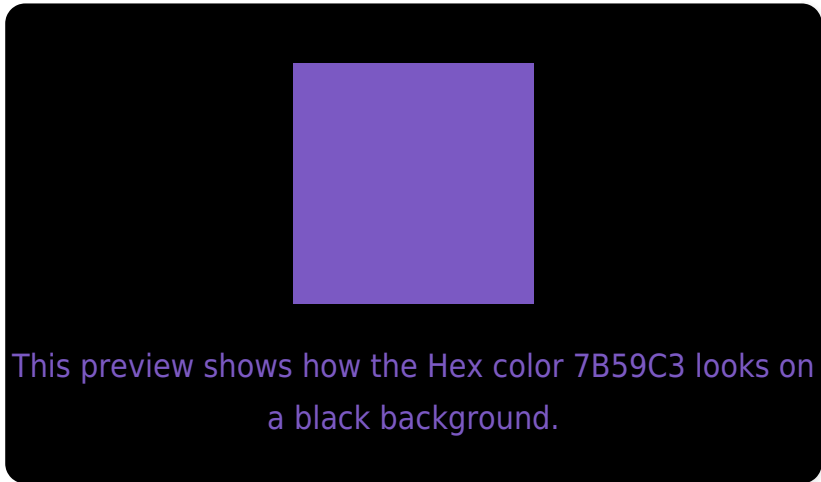
Large Text (above 18pt) WCAG AA ✓ Pass

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

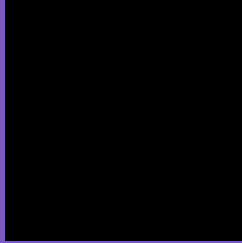
Any Text WCAG AA × Fail

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 7B59C3 Background



This preview shows how black text looks on a background with the Hex color 7B59C3.

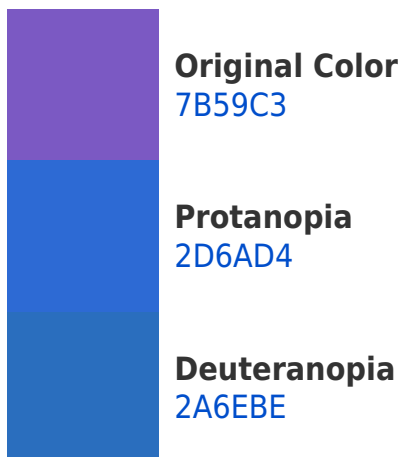



This preview shows how white text looks on a background with the Hex color 7B59C3.

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](#).

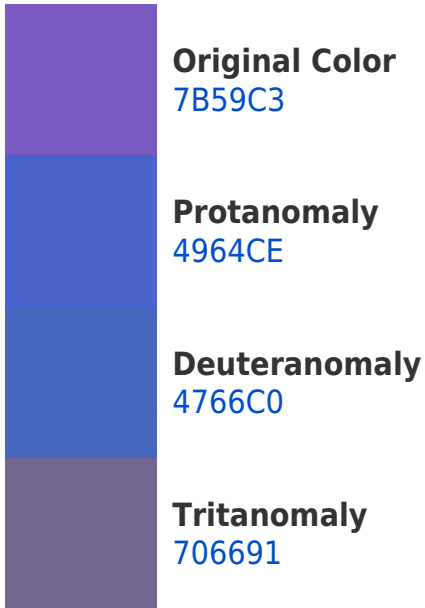
Dichromacy



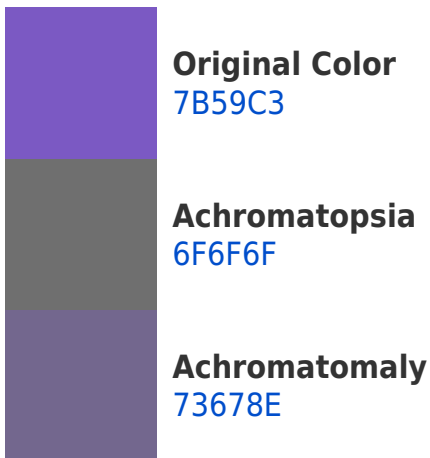


Tritanopia
6A6D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B59C3 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 #7B59C3 looks like.

```
.text, #text, p{  
    color:#7B59C3  
}
```

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 #7B59C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B59C3
}
```

Border

The CSS property to change the border of an element to Hex 7B59C3 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
#7B59C3 }
```

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

```
.border{ border-color:#7B59C3 }
```

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

Here you see how a box with a 4 pixel #7B59C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B59C3; -webkit-box-shadow:4px 4px  
4px 4px #7B59C3; box-shadow:4px 4px 4px  
4px #7B59C3 }
```

Background

The CSS property to change the background color of an element to Hex 7B59C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B59C3 }
```

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

```
.background{ background-color:#7B59C3 }
```

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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