

# Converting Colors

Hex(7B19CF)

Have a look what the booklet for  
Hex(7B19CF) contains.

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**Color**

**Hex(7B19CF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B19CF
RGB	123, 25, 207
RGB Percent	48%, 10%, 81%
CMY	0.5176, 0.9020, 0.1882
CMYK	0.41, 0.88, 0.00, 0.19
HSL	272°, 78%, 45%
HSV	272°, 88%, 81%
XYZ	19.7785, 9.4112, 59.8056
YIQ	75.0500, -0.0140, 77.3780

# Conversions

## Conversions Part 2

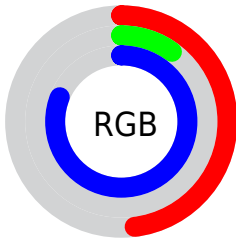
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 25, 207
Decimal	8067535
CIE <sub>Lab</sub>	36.76, 68.86, -72.82
CIE <sub>LCh</sub>	37, 100.222, 313.400
Yxy	9.4112, 0.2222, 0.1057
Android (android.graphics.Color)	4286257615 (0xFF7B19CF)
YUV	75.0500, 65.0513, 42.0522
Hunter-Lab	30.6777, 61.3964, -94.1104

# Details

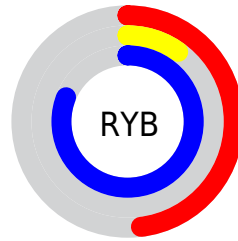
The Hex color **7B19CF** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **6DCF19**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B657FF**, and **3D0097** is the 20% darker color. If you saturate the color by 10%, you get **7104CF**, and if you desaturate by 10%, it is **852ECF**.

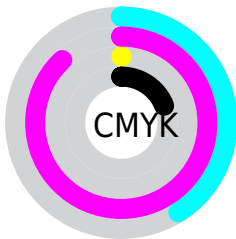
# Distribution



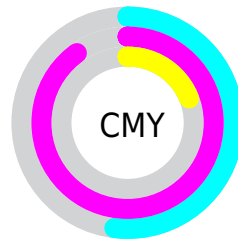
- Red (48%)
- Green (10%)
- Blue (81%)



- Red (48%)
- Yellow (10%)
- Blue (81%)



- Cyan (41%)
- Magenta (88%)
- Yellow (0%)
- Black (19%)



- Cyan (52%)
- Magenta (90%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B19CF 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 7B19CF by changing the saturation by 10% instead.



 7B19CF

 7B19CF

FFFFFF

 5D00B3


 B657FF

 3D0097

 D573FF

 15007C

 F38EFF

 000063

 FFABFF

 000049

 FFC7FF

 000432

 FFE4FF

 00011C

 000000

 7B19CF

 7B19CF

7104CF

852ECF

6F00CF

8E42CF

9857CF

A16CCF

AB81CF

B495CF

BEAACF

C7BFCF

D1D3CF

# Harmonies

## Analogous

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



0058F9



7B19CF



C70087

# Triad

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



7B19CF



8E4100



00727A

# Complementary

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



7B19CF



6DCF19

# 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.



007023



7B19CF



485F00

# Square

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



7B19CF



BF0000



006B00



0073C7

# Rectangle

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



7B19CF



D70052



006B00



00715E



# Sweetspot

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



7B19CF



E0BDFE



196ECF



6D5880



000000



808080



# Same Dimension

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



7B19CF



8900FF



CF19C9



645E69



5B00A8



160029



# Inverse Universe

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



CF196D



FF0076



19CF1F



695E63



A8004E

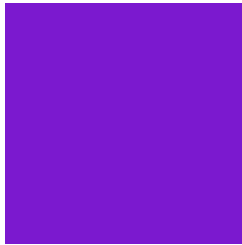


290013



# Previews

## White Background



This preview shows how the Hex color 7B19CF looks on a white background.

## Color Contrast Check

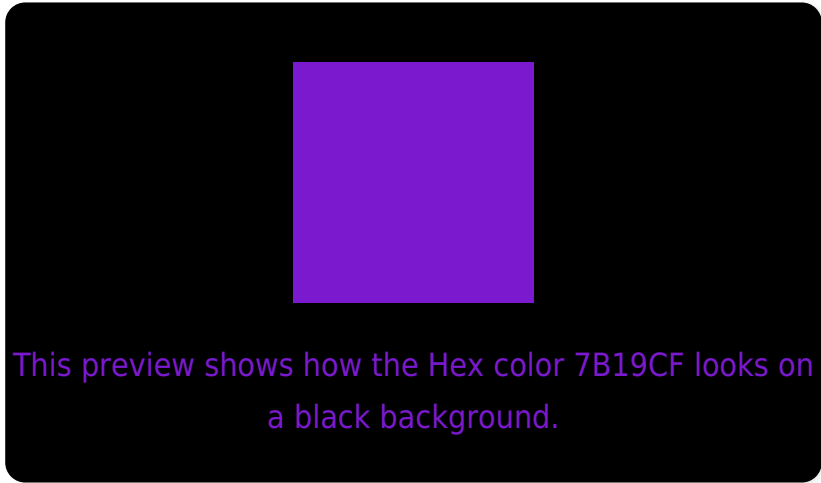
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

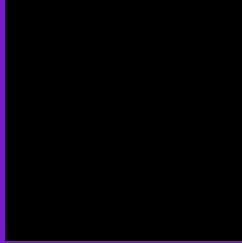
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B19CF Background



This preview shows how black text looks on a background with the Hex color 7B19CF.

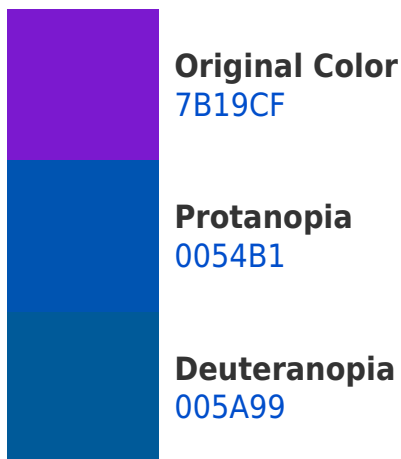



This preview shows how white text looks on a background with the Hex color 7B19CF.

# 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**  
62535A

# Trichromacy



**Original Color**  
7B19CF



**Protanomaly**  
2D3FBC



**Deuteranomaly**  
2D42AD



**Tritanomaly**  
6B3E85

# Monochromacy



**Original Color**  
7B19CF



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
5C397B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B19CF 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 #7B19CF looks like.

```
.text, #text, p{  
    color:#7B19CF  
}
```

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 #7B19CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B19CF
}
```

## Border

The CSS property to change the border of an element to Hex 7B19CF 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
#7B19CF }
```

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

```
.border{ border-color:#7B19CF }
```

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

Here you see how a box with a 4 pixel #7B19CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B19CF; -webkit-box-shadow:4px 4px  
4px 4px #7B19CF; box-shadow:4px 4px 4px  
4px #7B19CF }
```

# Background

The CSS property to change the background color of an element to Hex 7B19CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B19CF }
```

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

```
.background{ background-color:#7B19CF }
```

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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