

# Converting Colors

Hex(7F31C4)

Have a look what the booklet for  
Hex(7F31C4) contains.

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# Color

Hex(7F31C4)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 7F31C4                    |
| RGB         | 127, 49, 196              |
| RGB Percent | 50%, 19%, 77%             |
| CMY         | 0.5020, 0.8078, 0.2314    |
| CMYK        | 0.35, 0.75, 0.00, 0.23    |
| HSL         | 272°, 60%, 48%            |
| HSV         | 272°, 75%, 77%            |
| XYZ         | 19.8145, 10.6942, 53.2444 |
| YIQ         | 89.0800, -0.6990, 62.2530 |

# Conversions

## Conversions Part 2

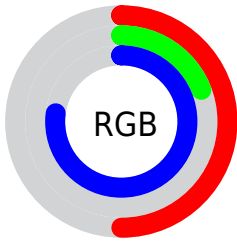
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">127, 49, 196</a>                   |
| Decimal                             | <a href="#">8335812</a>                        |
| CIELab                              | <a href="#">39.06, 59.14, -62.64</a>           |
| CIElCh                              | <a href="#">39, 86.146, 313.357</a>            |
| Yxy                                 | <a href="#">10.6942, 0.2366,<br/>0.1277</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4286525892<br/>(0xFF7F31C4)</a>    |
| YUV                                 | <a href="#">89.0800, 52.7116,<br/>33.2558</a>  |
| Hunter-Lab                          | <a href="#">32.7019, 50.9270,<br/>-73.6430</a> |

# Details

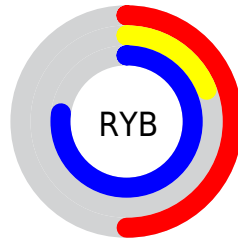
The Hex color **7F31C4** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **76C431**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B967FE**, and **45008D** is the 20% darker color. If you saturate the color by 10%, you get **761DC4**, and if you desaturate by 10%, it is **8845C4**.

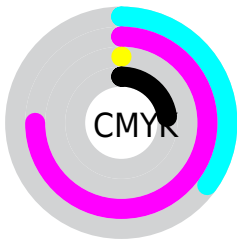
# Distribution



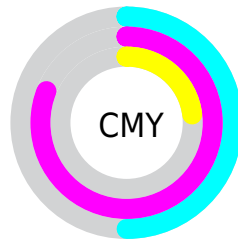
- Red (50%)
- Green (19%)
- Blue (77%)



- Red (50%)
- Yellow (19%)
- Blue (77%)



- Cyan (35%)
- Magenta (75%)
- Yellow (0%)
- Black (23%)



- Cyan (50%)
- Magenta (81%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F31C4 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 7F31C4 by changing the saturation by 10% instead.



 7F31C4

 7F31C4

FFFFFF

 6211A8

 B967FE

 45008D

 D682FF

 260073

 F49DFF

 000059

 FFB9FF

 000041

 FFD6FF

 00032A

 FFF3FF

 000114

 000000

 7F31C4

 7F31C4

 761DC4

 8845C4

 6D0AC4

 9158C4

 6800C4

 9B6CC4

 A47FC4

 AD93C4

 B6A7C4

 BFBAC4

 C9CEC4

 D2E1C4

# Harmonies

## Analogous

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



005CE8



7F31C4



C00086

# Triad

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



7F31C4



904A00



00767B

# Complementary

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



7F31C4



76C431

# 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.



007430



7F31C4



546300

# Square

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



7F31C4



BB0700



006F00



0076BD

# Rectangle

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



7F31C4



CE0058



006F00



007662



# Sweetspot

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



7F31C4



E3C4FF



3178C4



6F5C80



000000



808080



# Same Dimension

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



7F31C4



9319FF



C431C2



5C5761



5500A1



120021



# Inverse Universe

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



C43176



FF1985



31C433



61575C



A1004B

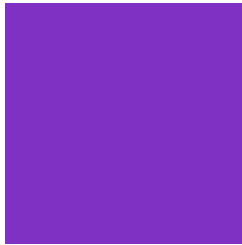


210010



# Previews

## White Background



This preview shows how the Hex color 7F31C4 looks on a white background.

## Color Contrast Check

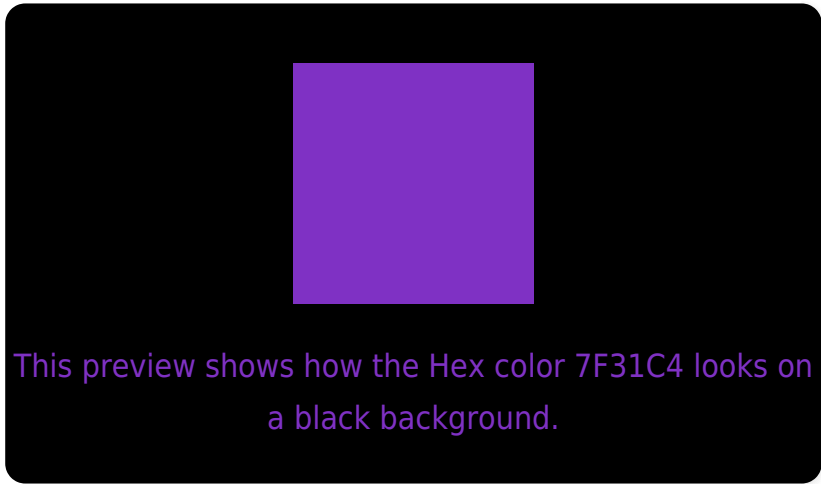
Large Text (above 18pt) WCAG AA ✓ Pass

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

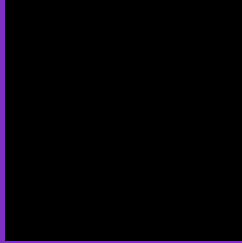
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F31C4 Background



This preview shows how black text looks on a background with the Hex color 7F31C4.

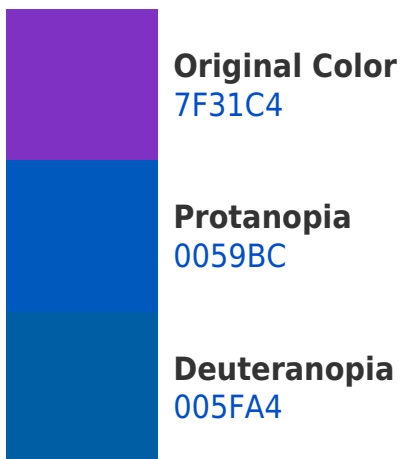


This preview shows how white text looks on a background with the Hex color 7F31C4.

# 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](#).

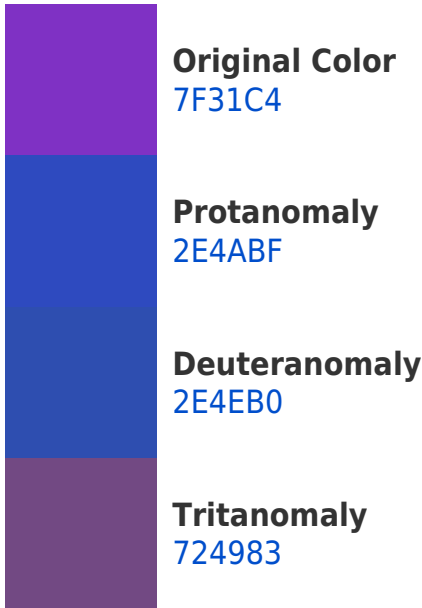
## Dichromacy



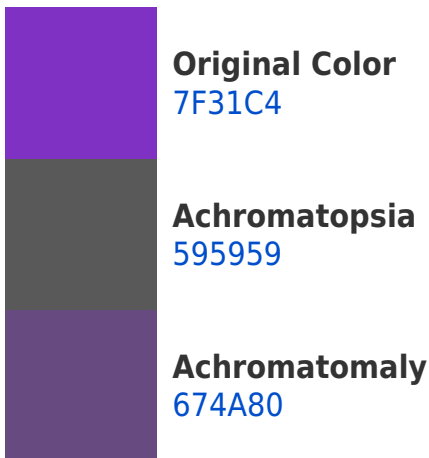


**Tritanopia**  
6B575E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F31C4 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 #7F31C4 looks like.

```
.text, #text, p{  
    color:#7F31C4  
}
```

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 #7F31C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F31C4
}
```

## Border

The CSS property to change the border of an element to Hex 7F31C4 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
#7F31C4 }
```

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

```
.border{ border-color:#7F31C4 }
```

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

Here you see how a box with a 4 pixel #7F31C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F31C4; -webkit-box-shadow:4px 4px  
4px 4px #7F31C4; box-shadow:4px 4px 4px  
4px #7F31C4 }
```

# Background

The CSS property to change the background color of an element to Hex 7F31C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F31C4 }
```

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

```
.background{ background-color:#7F31C4 }
```

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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