

Converting Colors

Hex(7F31D2)

Have a look what the booklet for
Hex(7F31D2) contains.

Hex(7F31D2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F31D2)

Conversions

Conversions Part 1

Format	Color
Hex	7F31D2
RGB	127, 49, 210
RGB Percent	50%, 19%, 82%
CMY	0.5020, 0.8078, 0.1765
CMYK	0.40, 0.77, 0.00, 0.18
HSL	269°, 64%, 51%
HSV	269°, 77%, 82%
XYZ	21.4836, 11.3618, 62.0335
YIQ	90.6760, -5.1930, 66.6070

Conversions

Conversions Part 2

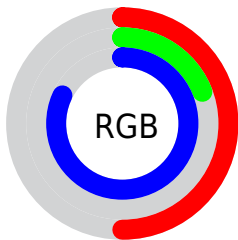
Format	Color
R_{YB}	127, 49, 210
Decimal	8335826
CIE _{Lab}	40.18, 62.40, -68.93
CIE _{LCh}	40, 92.984, 312.155
Yxy	11.3618, 0.2264, 0.1198
Android (android.graphics.Color)	4286525906 (0xFF7F31D2)
YUV	90.6760, 58.8267, 31.8561
Hunter-Lab	33.7073, 54.7806, -85.5199

Details

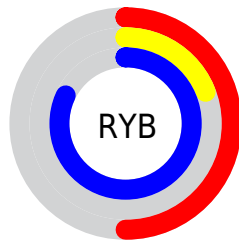
The Hex color **7F31D2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **84D231**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **BA68FF**, and **43009A** is the 20% darker color. If you saturate the color by 10%, you get **741CD2**, and if you desaturate by 10%, it is **8A46D2**.

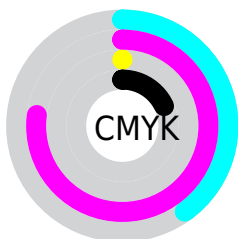
Distribution



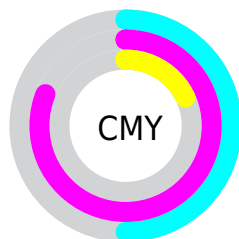
- Red (50%)
- Green (19%)
- Blue (82%)



- Red (50%)
- Yellow (19%)
- Blue (82%)



- Cyan (40%)
- Magenta (77%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (81%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F31D2 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 7F31D2 by changing the saturation by 10% instead.

 7F31D2

 7F31D2

FFFFFF

 6210B6

 BA68FF

 43009A

 D883FF

 20007F

 F69EFF

 000066

 FFBAFF


 00004C

 FFD7FF

 000534

 FFF4FF

 00021E

 000001

 000000

■ 7F31D2

■ 7F31D2

■ 741CD2

■ 8A46D2

■ 6907D2

■ 955BD2

■ 6600D2

■ 9F70D2

■ AA85D2

■ B59AD2

■ C0AFD2

■ CBC4D2

■ D6D9D2

■ E0EED2

Harmonies

Analogous

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



0061F8



7F31D2



C9008F

Triad

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



7F31D2



984900



007B7D

Complementary

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



7F31D2



84D231

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.



00782B



7F31D2



586600

Square

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



7F31D2



C60000



007300



007BC5

Rectangle

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



7F31D2



D9005D



007300



007A63

Sweetspot

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



7F31D2



E1C4FF



3184D2



6D5C80



000000



808080

Same Dimension

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



7F31D2



8614FF



CF31D2



635E69



5200A8



140029

Inverse Universe

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



D23184



FF148D



34D231



695E63



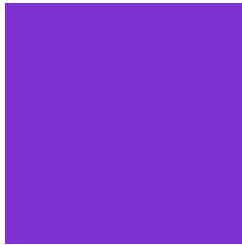
A80057



290015

Previews

White Background



This preview shows how the Hex color 7F31D2 looks on a white background.

Color Contrast Check

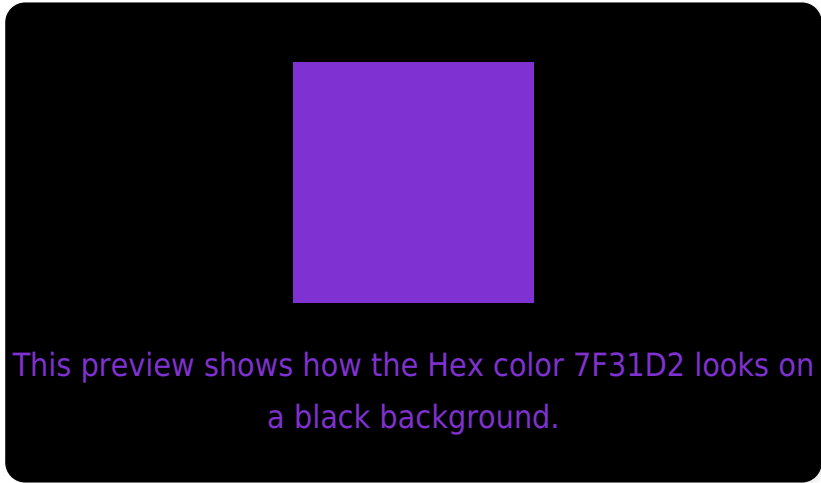
Large Text (above 18pt) WCAG AA ✓ Pass

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

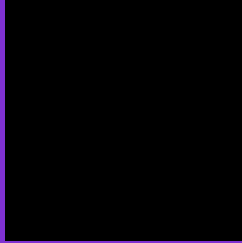
Any Text WCAG AA × Fail

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 7F31D2 Background



This preview shows how black text looks on a background with the Hex color 7F31D2.

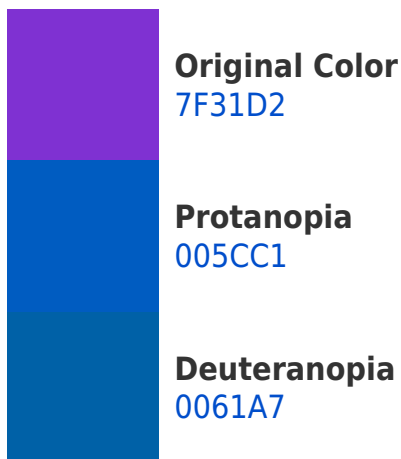


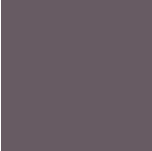
This preview shows how white text looks on a background with the Hex color 7F31D2.

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
675B63

Trichromacy



Original Color
7F31D2



Protanomaly
2E4CC7



Deuteranomaly
2E50B7



Tritanomaly
704C8B

Monochromacy



Original Color
7F31D2



Achromatopsia
5B5B5B



Achromatomaly
684C86

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F31D2 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 #7F31D2 looks like.

```
.text, #text, p{  
    color:#7F31D2  
}
```

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 #7F31D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F31D2
}
```

Border

The CSS property to change the border of an element to Hex 7F31D2 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
#7F31D2 }
```

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

```
.border{ border-color:#7F31D2 }
```

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

Here you see how a box with a 4 pixel #7F31D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F31D2; -webkit-box-shadow:4px 4px  
4px 4px #7F31D2; box-shadow:4px 4px 4px  
4px #7F31D2 }
```

Background

The CSS property to change the background color of an element to Hex 7F31D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F31D2 }
```

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

```
.background{ background-color:#7F31D2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor