

Converting Colors

Hex(7F22F1)

Have a look what the booklet for
Hex(7F22F1) contains.

Hex(7F22F1)	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(7F22F1)

Conversions

Conversions Part 1

Format	Color
Hex	7F22F1
RGB	127, 34, 241
RGB Percent	50%, 13%, 95%
CMY	0.5020, 0.8667, 0.0549
CMYK	0.47, 0.86, 0.00, 0.05
HSL	267°, 88%, 54%
HSV	267°, 86%, 95%
XYZ	25.2016, 12.0070, 84.2084
YIQ	85.4050, -11.0190, 84.0930

Conversions

Conversions Part 2

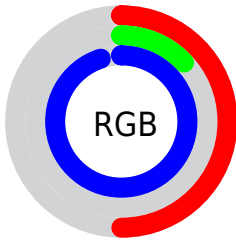
Format	Color
R _Y B	127, 34, 241
Decimal	8332017
CIE Lab	41.23, 74.55, -84.91
CIE LCh	41, 112.995, 311.281
Yxy	12.0070, 0.2076, 0.0989
Android (android.graphics.Color)	4286522097 (0xFF7F22F1)
YUV	85.4050, 76.7083, 36.4788
Hunter-Lab	34.6511, 69.1832, -119.8298

Details

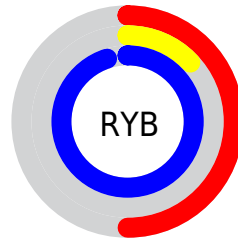
The Hex color **7F22F1** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **94F122**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **BD5FFF**, and **3B00B7** is the 20% darker color. If you saturate the color by 10%, you get **720AF1**, and if you desaturate by 10%, it is **8C3AF1**.

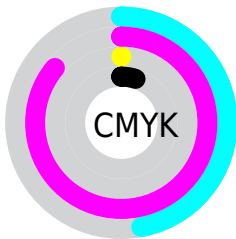
Distribution



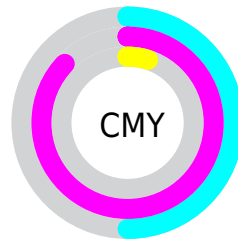
- Red (50%)
- Green (13%)
- Blue (95%)



- Red (50%)
- Yellow (13%)
- Blue (95%)



- Cyan (47%)
- Magenta (86%)
- Yellow (0%)
- Black (5%)



- Cyan (50%)
- Magenta (87%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F22F1 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 7F22F1 by changing the saturation by 10% instead.

 7F22F1

 7F22F1

FFFFFF

 5F00D4

 BD5FFF

 3B00B7

 DC7BFF

 00009C

 FB97FF

 000081

 FFB3FF

 000066

 FFD0FF

 000A4D

 FFEEFF

 000535

 00021F

 000002

 7F22F1

 7F22F1

 720AF1

 8C3AF1

 6C00F1

 9A52F1

 A76AF1

 B482F1

 C19AF1

 CFB3F1

 DCCBF1

 E9E3F1

 F6FBF1

Harmonies

Analogous

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



0066FF



7F22F1



DF009F

Triad

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



7F22F1



A44400



008084

Complementary

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



7F22F1



94F122

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.



007D1C



7F22F1



576900

Square

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



7F22F1



DC0000



007800



0082DD

Rectangle

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



7F22F1



F40062



007800



007F63

Sweetspot

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



7F22F1



DABDFF



2297F1



6A5880



000000



808080

Same Dimension

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



7F22F1



7300FF



E322F1



716C78



5200B8



190038

Inverse Universe

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



F12294



FF008C



30F122



786C72



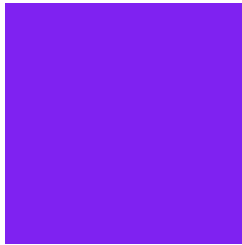
B80065



38001F

Previews

White Background



This preview shows how the Hex color 7F22F1 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

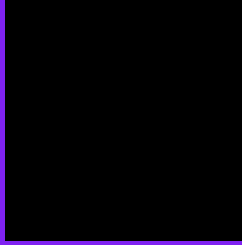
Any Text WCAG AA × Fail

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 7F22F1 Background



This preview shows how black text looks on a background with the Hex color 7F22F1.

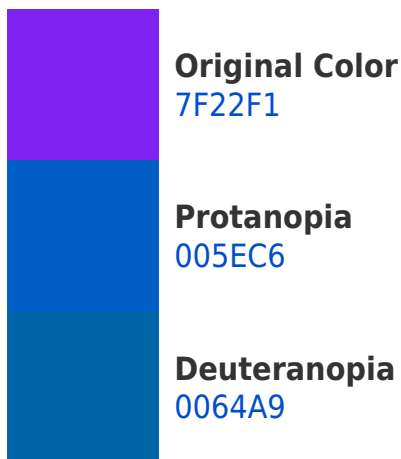


This preview shows how white text looks on a background with the Hex color 7F22F1.

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
5C6269

Trichromacy



Original Color
7F22F1



Protanomaly
2E48D6



Deuteranomaly
2E4CC3



Tritanomaly
694B9A

Monochromacy



Original Color
7F22F1



Achromatopsia
555555



Achromatomaly
64428E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F22F1 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 #7F22F1 looks like.

```
.text, #text, p{  
    color:#7F22F1  
}
```

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 #7F22F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F22F1
}
```

Border

The CSS property to change the border of an element to Hex 7F22F1 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
#7F22F1 }
```

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

```
.border{ border-color:#7F22F1 }
```

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

Here you see how a box with a 4 pixel #7F22F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F22F1; -webkit-box-shadow:4px 4px  
4px 4px #7F22F1; box-shadow:4px 4px 4px  
4px #7F22F1 }
```

Background

The CSS property to change the background color of an element to Hex 7F22F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F22F1 }
```

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

```
.background{ background-color:#7F22F1 }
```

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