

Converting Colors

Hex(7C00F3)

Have a look what the booklet for
Hex(7C00F3) contains.

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Color

Hex(7C00F3)

Conversions

Conversions Part 1

Format	Color
Hex	7C00F3
RGB	124, 0, 243
RGB Percent	49%, 0%, 95%
CMY	0.5137, 1.0000, 0.0471
CMYK	0.49, 1.00, 0.00, 0.05
HSL	271°, 100%, 48%
HSV	271°, 100%, 95%
XYZ	24.4898, 10.7562, 85.5794
YIQ	64.7780, -4.0990, 101.8610

Conversions

Conversions Part 2

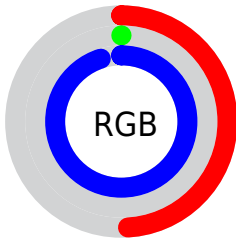
Format	Color
RYB	124, 0, 243
Decimal	8126707
CIELab	39.17, 80.38, -89.46
CIElCh	39, 120.263, 311.940
Yxy	10.7562, 0.2027, 0.0890
Android (android.graphics.Color)	4286316787 (0xFF7C00F3)
YUV	64.7780, 87.8634, 51.9377
Hunter-Lab	32.7966, 75.8954, -131.7538

Details

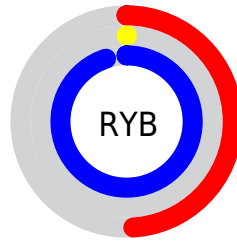
The Hex color **7C00F3** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **77F300**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **BB51FF**, and **3500B9** is the 20% darker color. If you saturate the color by 10%, you get **7C00F3**, and if you desaturate by 10%, it is **8818F3**.

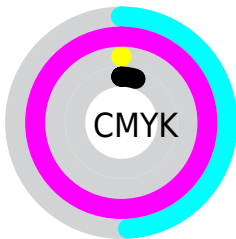
Distribution



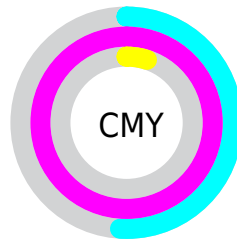
- Red (49%)
- Green (0%)
- Blue (95%)



- Red (49%)
- Yellow (0%)
- Blue (95%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (51%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C00F3 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 7C00F3 by changing the saturation by 10% instead.

 7C00F3

 7C00F3

FFFFFF

 5B00D6

 BB51FF

 3500B9

 DA6EFF

 00009D

 FA8BFF

 000082

 FFA8FF

 000068

 FFC5FF

 000A4E

 FFE2FF

 000536

 000220

 000004

 7C00F3

 8818F3

 9431F3

 A049F3

 AC61F3

 B779F3

 C392F3

 CFAAF3

 DBC2F3

 E7DBF3

Harmonies

Analogous

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



0062FF



7C00F3



E1009C

Triad

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



7C00F3



9F3E00



007B83

Complementary

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



7C00F3



77F300

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.



007813



7C00F3



4C6500

Square

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



7C00F3



DA0000



007300



007EE2

Rectangle

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



7C00F3



F5005C



007300



007A61

Sweetspot

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



7C00F3



DAB3FF



0079F3



695280



000000



808080

Same Dimension

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



7C00F3



8200FF



F300F3



746E7A



5F00BA



1E003B

Inverse Universe

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



F30077



FF007D



00F300



7A6E74



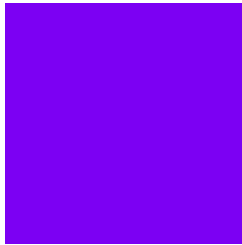
BA005B



3B001D

Previews

White Background



This preview shows how the Hex color 7C00F3 looks on a white background.

Color Contrast Check

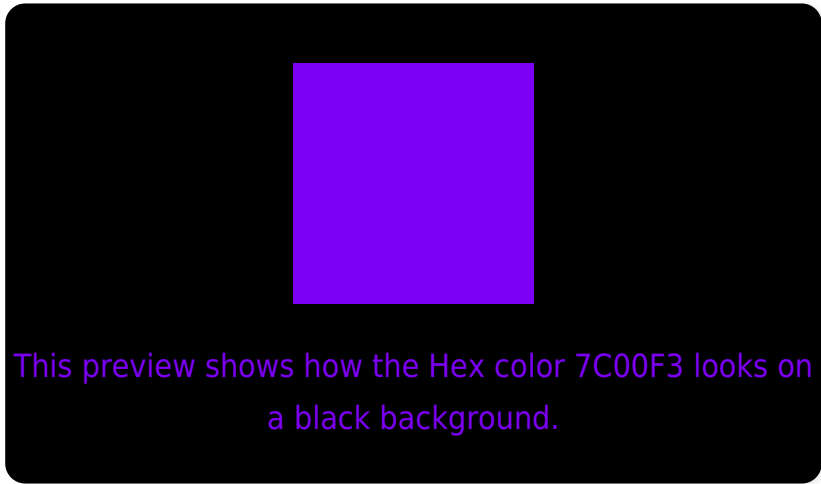
Large Text (above 18pt) WCAG AA ✓ Pass

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

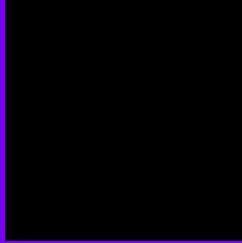
Any Text WCAG AA × Fail

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 7C00F3 Background



This preview shows how black text looks on a background with the Hex color 7C00F3.

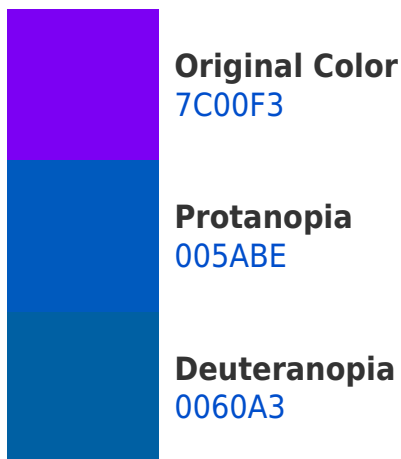


This preview shows how white text looks on a background with the Hex color 7C00F3.

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
565F66

Trichromacy



Original Color

7C00F3



Protanomaly

2D39D1



Deuteranomaly

2D3DC0



Tritanomaly

643C99

Monochromacy



Original Color

7C00F3



Achromatopsia

414141



Achromatomaly

562982

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C00F3 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 #7C00F3 looks like.

```
.text, #text, p{  
  color:#7C00F3  
}
```

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 #7C00F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C00F3
}
```

Border

The CSS property to change the border of an element to Hex 7C00F3 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".

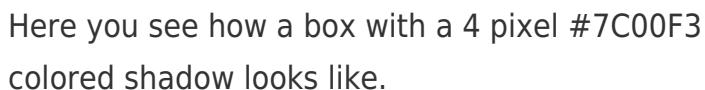
```
.border, #border, table{ border:4px solid
#7C00F3 }
```

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

```
.border{ border-color:#7C00F3 }
```

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

Here you see how a box with a 4 pixel #7C00F3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C00F3; -webkit-box-shadow:4px 4px  
4px 4px #7C00F3; box-shadow:4px 4px 4px  
4px #7C00F3 }
```

Background

The CSS property to change the background color of an element to Hex 7C00F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C00F3 }
```

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

```
.background{ background-color:#7C00F3 }
```

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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