

# Converting Colors

Hex(7E00F5)

Have a look what the booklet for  
Hex(7E00F5) contains.

<b>Hex(7E00F5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7E00F5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E00F5
RGB	126, 0, 245
RGB Percent	49%, 0%, 96%
CMY	0.5059, 1.0000, 0.0392
CMYK	0.49, 1.00, 0.00, 0.04
HSL	271°, 100%, 48%
HSV	271°, 100%, 96%
XYZ	25.0856, 11.0282, 87.1927
YIQ	65.6040, -3.5490, 102.9070

# Conversions

## Conversions Part 2

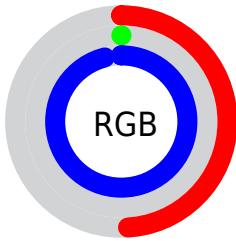
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 0, 245
Decimal	8257781
CIE <sub>Lab</sub>	39.63, 80.95, -89.81
CIE <sub>LCh</sub>	40, 120.911, 312.028
Yxy	11.0282, 0.2034, 0.0894
Android (android.graphics.Color)	4286447861 (0xFF7E00F5)
YUV	65.6040, 88.4422, 52.9673
Hunter-Lab	33.2087, 76.7223, -132.4255

# Details

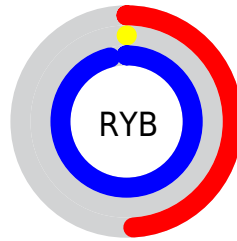
The Hex color **7E00F5** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **77F500**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **BD52FF**, and **3700BB** is the 20% darker color. If you saturate the color by 10%, you get **7E00F5**, and if you desaturate by 10%, it is **8A18F5**.

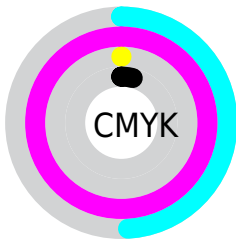
# Distribution



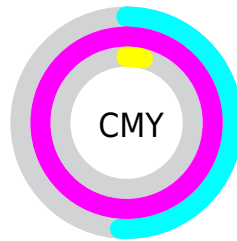
- Red (49%)
- Green (0%)
- Blue (96%)



- Red (49%)
- Yellow (0%)
- Blue (96%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (51%)
- Magenta (100%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E00F5 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 7E00F5 by changing the saturation by 10% instead.



 7E00F5

 7E00F5

FFFFFF

 5D00D8

 BD52FF

 3700BB

 DC6FFF

 00009F

 FC8CFF

 000084

 FFA8FF

 000069

 FFC6FF

 000A50

 FFE3FF

 000538

 000222

 000007

 7E00F5

 8A18F5

 9631F5

 A24AF5

 AE62F5

 B97BF5

 C593F5

 D1ABF5

 DDC4F5

 E9DDF5

# Harmonies

## Analogous

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



0063FF



7E00F5



E3009D

# Triad

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



7E00F5



A13F00



007D85

# Complementary

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



7E00F5



77F500

# 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.



007A15



7E00F5



4D6600

# Square

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



7E00F5



DC0000



007500



007FE4

# Rectangle

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



7E00F5



F7005C



007500



007C62



# Sweetspot

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



7E00F5



DAB3FF



007BF5



695280



000000



808080



# Same Dimension

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



7E00F5



8300FF



F500F5



746E7A



6000BA



1E003B



# Inverse Universe

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



F50077



FF007C



00F500



7A6E74



BA005A



3B001C



# Previews

## White Background



This preview shows how the Hex color 7E00F5 looks on a white background.

## Color Contrast Check

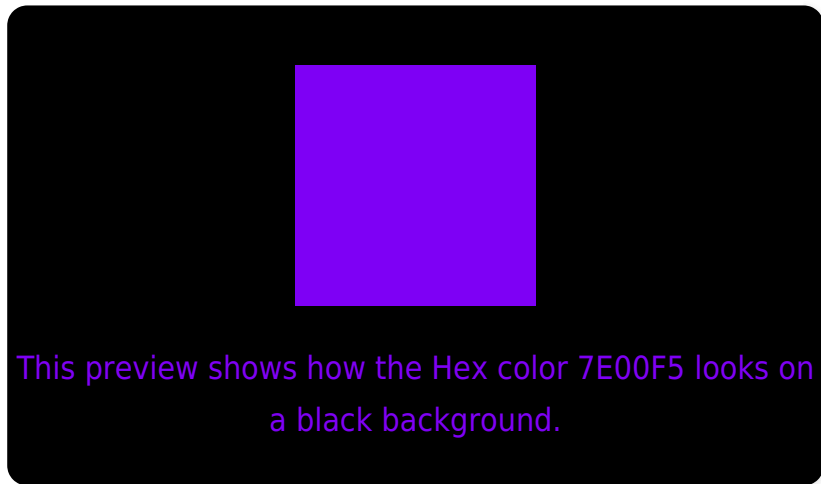
Large Text (above 18pt) WCAG AA ✓ Pass

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

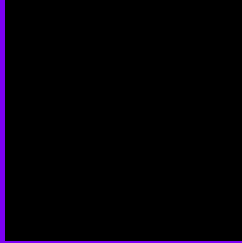
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E00F5 Background



This preview shows how black text looks on a background with the Hex color 7E00F5.



This preview shows how white text looks on a background with the Hex color 7E00F5.

# 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



**Original Color**  
7E00F5

**Protanopia**  
005CC0

**Deuteranopia**  
0061A4



**Tritanopia**  
585F67

# Trichromacy



**Original Color**

7E00F5



**Protanomaly**

2E3BD3



**Deuteranomaly**

2E3EC1



**Tritanomaly**

663C9B

# Monochromacy



**Original Color**

7E00F5



**Achromatopsia**

424242



**Achromatomaly**

582A83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E00F5 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 #7E00F5 looks like.

```
.text, #text, p{  
    color:#7E00F5  
}
```

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 #7E00F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E00F5
}
```

## Border

The CSS property to change the border of an element to Hex 7E00F5 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".

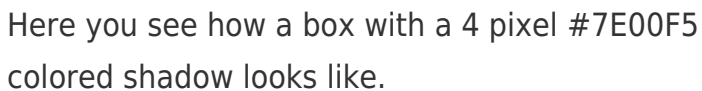
```
.border, #border, table{ border:4px solid
#7E00F5 }
```

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

```
.border{ border-color:#7E00F5 }
```

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

Here you see how a box with a 4 pixel #7E00F5 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E00F5; -webkit-box-shadow:4px 4px  
4px 4px #7E00F5; box-shadow:4px 4px 4px  
4px #7E00F5 }
```

# Background

The CSS property to change the background color of an element to Hex 7E00F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E00F5 }
```

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

```
.background{ background-color:#7E00F5 }
```

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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