

# Converting Colors

Hex(7F2ED1)

Have a look what the booklet for  
Hex(7F2ED1) contains.

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**Color**

**Hex(7F2ED1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F2ED1
RGB	127, 46, 209
RGB Percent	50%, 18%, 82%
CMY	0.5020, 0.8196, 0.1804
CMYK	0.39, 0.78, 0.00, 0.18
HSL	270°, 64%, 50%
HSV	270°, 78%, 82%
XYZ	21.2380, 11.0695, 61.3389
YIQ	88.8010, -4.0470, 67.8650

# Conversions

## Conversions Part 2

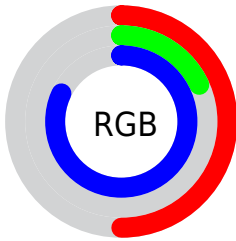
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 46, 209
Decimal	8335057
CIE <sub>Lab</sub>	39.70, 63.33, -69.15
CIE <sub>LCh</sub>	40, 93.771, 312.487
Yxy	11.0695, 0.2268, 0.1182
Android (android.graphics.Color)	4286525137 (0xFF7F2ED1)
YUV	88.8010, 59.2581, 33.5005
Hunter-Lab	33.2708, 55.7194, -86.0189

# Details

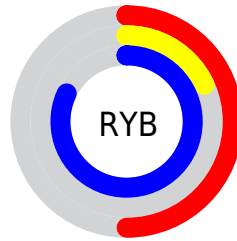
The Hex color **7F2ED1** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **80D12E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **BA65FF**, and **430099** is the 20% darker color. If you saturate the color by 10%, you get **7419D1**, and if you desaturate by 10%, it is **8A43D1**.

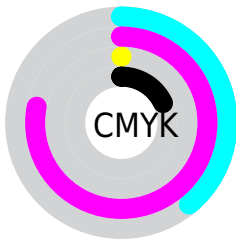
# Distribution



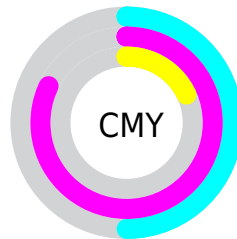
- Red (50%)
- Green (18%)
- Blue (82%)



- Red (50%)
- Yellow (18%)
- Blue (82%)



- Cyan (39%)
- Magenta (78%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (82%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F2ED1 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 7F2ED1 by changing the saturation by 10% instead.



 7F2ED1

 7F2ED1

FFFFFF

 620AB5

 BA65FF

 430099

 D880FF

 20007E

 F69CFF

 000065

 FFB8FF

 00004B

 FFD5FF

 000434

 FFF2FF

 00021E

 000000

 7F2ED1

 7F2ED1

■ 7419D1

■ 8A43D1

■ 6A04D1

■ 9458D1

■ 6800D1

■ 9F6DD1

■ A982D1

■ B497D1

■ BEABD1

■ C9C0D1

■ D3D5D1

■ DEEAD1

# Harmonies

## Analogous

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



005FF8



7F2ED1



C9008E

# Triad

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



7F2ED1



964800



00797D

# Complementary

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



7F2ED1



80D12E

# 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.



00772B



7F2ED1



556500

# Square

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



7F2ED1



C50000



007200



007AC6

# Rectangle

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



7F2ED1



D9005B



007200



007962



# Sweetspot

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



7F2ED1



E1C4FF



2E82D1



6E5C80



000000



808080



# Same Dimension

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



7F2ED1



860FFF



CE2ED1



635E69



5400A8



140029



# Inverse Universe

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



D12E80



FF0F88



31D12E



695E63



A80055



290015



# Previews

## White Background



This preview shows how the Hex color 7F2ED1 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

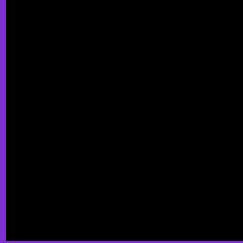
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F2ED1 Background



This preview shows how black text looks on a background with the Hex color 7F2ED1.



This preview shows how white text looks on a background with the Hex color 7F2ED1.

# 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**  
7F2ED1

**Protanopia**  
005BBF

**Deuteranopia**  
0060A5



**Tritanopia**  
675A61

# Trichromacy



**Original Color**  
7F2ED1



**Protanomaly**  
2E4BC6



**Deuteranomaly**  
2E4EB5



**Tritanomaly**  
704A8A

# Monochromacy



**Original Color**  
7F2ED1



**Achromatopsia**  
595959



**Achromatomaly**  
674985

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F2ED1 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 #7F2ED1 looks like.

```
.text, #text, p{  
    color:#7F2ED1  
}
```

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 #7F2ED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2ED1
}
```

## Border

The CSS property to change the border of an element to Hex 7F2ED1 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".

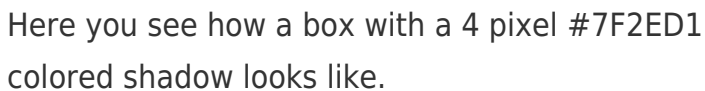
```
.border, #border, table{ border:4px solid
#7F2ED1 }
```

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

```
.border{ border-color:#7F2ED1 }
```

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

Here you see how a box with a 4 pixel #7F2ED1 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2ED1; -webkit-box-shadow:4px 4px  
4px 4px #7F2ED1; box-shadow:4px 4px 4px  
4px #7F2ED1 }
```

# Background

The CSS property to change the background color of an element to Hex 7F2ED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2ED1 }
```

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

```
.background{ background-color:#7F2ED1 }
```

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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