

# Converting Colors

Hex(7C26E7)

Have a look what the booklet for  
Hex(7C26E7) contains.

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**Color**

**Hex(7C26E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C26E7
RGB	124, 38, 231
RGB Percent	49%, 15%, 91%
CMY	0.5137, 0.8510, 0.0941
CMYK	0.46, 0.84, 0.00, 0.09
HSL	267°, 80%, 53%
HSV	267°, 84%, 91%
XYZ	23.4291, 11.4408, 76.5748
YIQ	85.7160, -10.6970, 78.2550

# Conversions

## Conversions Part 2

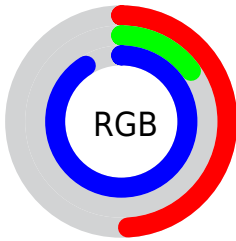
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 38, 231
Decimal	8136423
CIE <sub>Lab</sub>	40.31, 70.77, -80.77
CIE <sub>LCh</sub>	40, 107.387, 311.228
Yxy	11.4408, 0.2102, 0.1027
Android (android.graphics.Color)	4286326503 (0xFF7C26E7)
YUV	85.7160, 71.6250, 33.5751
Hunter-Lab	33.8243, 64.4492, -110.5495

# Details

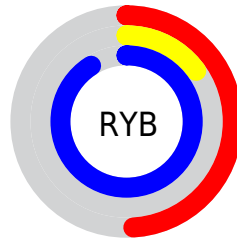
The Hex color **7C26E7** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **91E726**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B960FF**, and **3A00AE** is the 20% darker color. If you saturate the color by 10%, you get **6F0FE7**, and if you desaturate by 10%, it is **893DE7**.

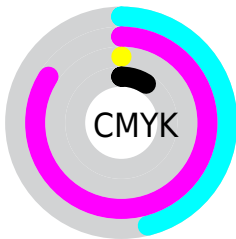
# Distribution



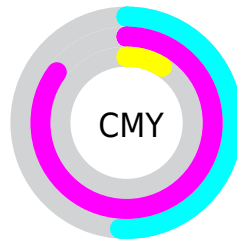
- Red (49%)
- Green (15%)
- Blue (91%)



- Red (49%)
- Yellow (15%)
- Blue (91%)



- Cyan (46%)
- Magenta (84%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (85%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C26E7 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 7C26E7 by changing the saturation by 10% instead.



 7C26E7

 7C26E7

FFFFFF

 5C00CA

 B960FF

 3A00AE

 D87CFF

 000092

 F798FF

 000078

 FFB4FF

 00005E

 FFD1FF

 000845

 FFEEFF

 00032E

 000118

 000000

 7C26E7

 7C26E7

 6F0FE7

 893DE7

 6700E7

 9654E7

 A26BE7

 AF82E7

 BC9AE7

 C9B1E7

 D6C8E7

 E2DFE7

 EFF6E7

# Harmonies

## Analogous

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



0064FF



7C26E7



D6009A

# Triad

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



7C26E7



A04400



007D80

# Complementary

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



7C26E7



91E726

# 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.



007A1E



7C26E7



566600

# Square

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



7C26E7



D40000



007500



007ED4

# Rectangle

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



7C26E7



EA0060



007500



007C61



# Sweetspot

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



7C26E7



DCBFFF



2693E7



6A5980



000000



808080



# Same Dimension

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



7C26E7



7200FF



DA26E7



6C6773



5000B3



170033



# Inverse Universe

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



E72691



FF008D



33E726



73676E



B30063

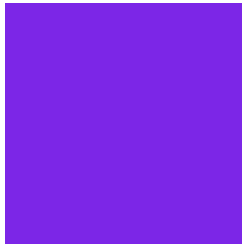


33001C



# Previews

## White Background



This preview shows how the Hex color 7C26E7 looks on a white background.

## Color Contrast Check

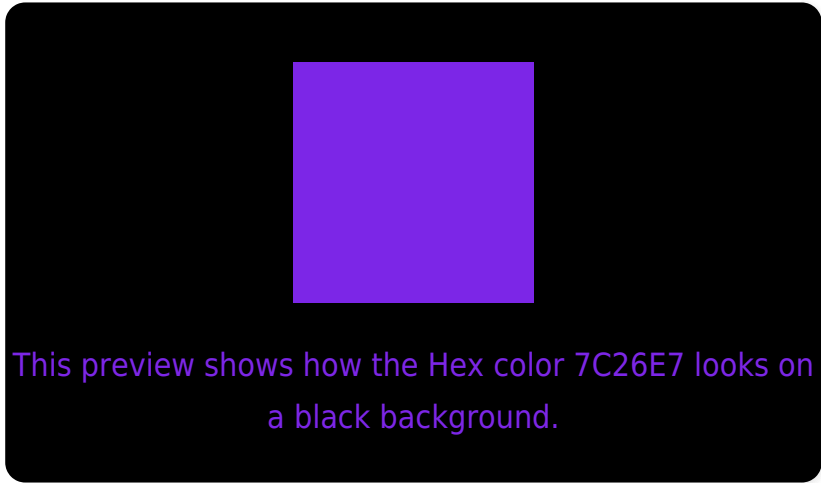
Large Text (above 18pt) WCAG AA ✓ Pass

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

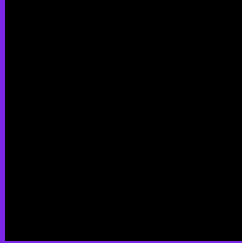
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C26E7 Background



This preview shows how black text looks on a background with the Hex color 7C26E7.

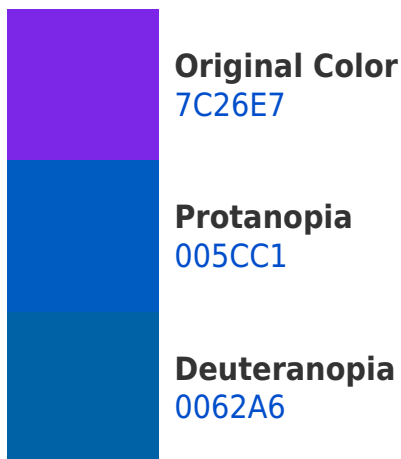


This preview shows how white text looks on a background with the Hex color 7C26E7.

# 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**  
5C5F67

# Trichromacy



**Original Color**  
7C26E7



**Protanomaly**  
2D48CF



**Deuteranomaly**  
2D4CBE



**Tritanomaly**  
684A96

# Monochromacy



**Original Color**  
7C26E7



**Achromatopsia**  
565656



**Achromatomaly**  
64458B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C26E7 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 #7C26E7 looks like.

```
.text, #text, p{  
    color:#7C26E7  
}
```

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 #7C26E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C26E7
}
```

## Border

The CSS property to change the border of an element to Hex 7C26E7 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
#7C26E7 }
```

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

```
.border{ border-color:#7C26E7 }
```

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

Here you see how a box with a 4 pixel #7C26E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C26E7; -webkit-box-shadow:4px 4px  
4px 4px #7C26E7; box-shadow:4px 4px 4px  
4px #7C26E7 }
```

# Background

The CSS property to change the background color of an element to Hex 7C26E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C26E7 }
```

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

```
.background{ background-color:#7C26E7 }
```

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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