

Converting Colors

Hex(7D0FBD)

Have a look what the booklet for
Hex(7D0FBD) contains.

Hex(7D0FBD)	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(7D0FBD)

Conversions

Conversions Part 1

Format	Color
Hex	7D0FBD
RGB	125, 15, 189
RGB Percent	49%, 6%, 74%
CMY	0.5098, 0.9412, 0.2588
CMYK	0.34, 0.92, 0.00, 0.26
HSL	278°, 85%, 40%
HSV	278°, 92%, 74%
XYZ	17.8136, 8.3757, 48.8219
YIQ	67.7260, 9.7060, 77.4340

Conversions

Conversions Part 2

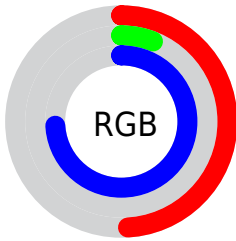
Format	Color
R _Y B	125, 15, 189
Decimal	8196029
CIE Lab	34.75, 67.37, -65.57
CIE LCh	35, 94.015, 315.775
Yxy	8.3757, 0.2375, 0.1117
Android (android.graphics.Color)	4286386109 (0xFF7D0FBD)
YUV	67.7260, 59.7881, 50.2293
Hunter-Lab	28.9409, 59.2231, -79.7608

Details

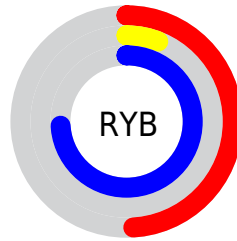
The Hex color **7D0FBD** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **4FBD0F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B751F6**, and **420086** is the 20% darker color. If you saturate the color by 10%, you get **7700BD**, and if you desaturate by 10%, it is **8422BD**.

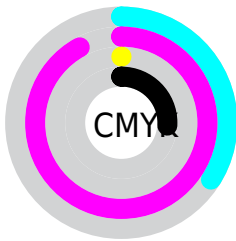
Distribution



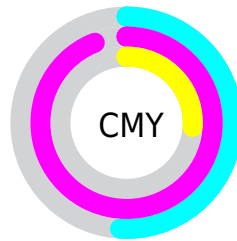
- Red (49%)
- Green (6%)
- Blue (74%)



- Red (49%)
- Yellow (6%)
- Blue (74%)



- Cyan (34%)
- Magenta (92%)
- Yellow (0%)
- Black (26%)



- Cyan (51%)
- Magenta (94%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D0FBD 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 7D0FBD by changing the saturation by 10% instead.

7D0FBD

7D0FBD

FFFFFF

6000A1

B751F6

420086

D56DFF

22006C

F389FF

000053

FFA5FF

00043B

FFC2FF

000224

FFDFFF

00000C

FFFCFF

000000

7D0FBD

7D0FBD

7700BD

8422BD

8B35BD

9248BD

995BBD

A06EBD

A780BD

AE93BD

B5A6BD

BCB9BD

Harmonies

Analogous

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



0051E7



7D0FBD



BE0079

Triad

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



7D0FBD



814100



006C79

Complementary

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



7D0FBD



4FBD0F

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.



006A29



7D0FBD



3F5B00

Square

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



7D0FBD



B10000



006600



006DBF

Rectangle

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



7D0FBD



CA0048



006600



006B5F

Sweetspot

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



7D0FBD



DCB0F5



0F52BD



6B517A



FAFAFA



7A7A7A

Same Dimension

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



7D0FBD



9B00F5



BD0FA9



5B555E



64009E



13001F

Inverse Universe

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



BD0F4F



F5005A



0FBD23



5E5558



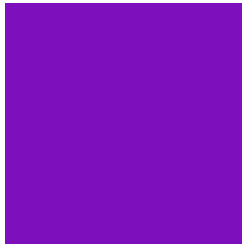
9E003A



1F000B

Previews

White Background



This preview shows how the Hex color 7D0FBD looks on a white background.

Color Contrast Check

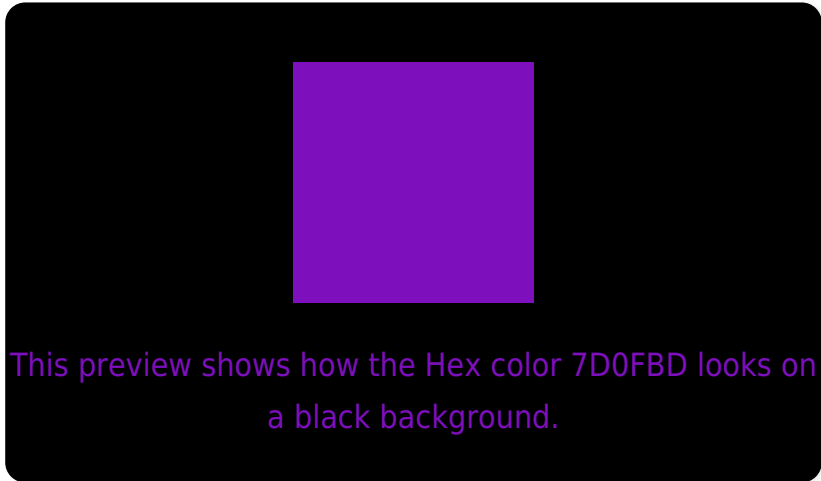
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

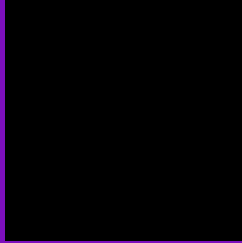
Any Text WCAG AA × Fail

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 7D0FBD Background



This preview shows how black text looks on a background with the Hex color 7D0FBD.

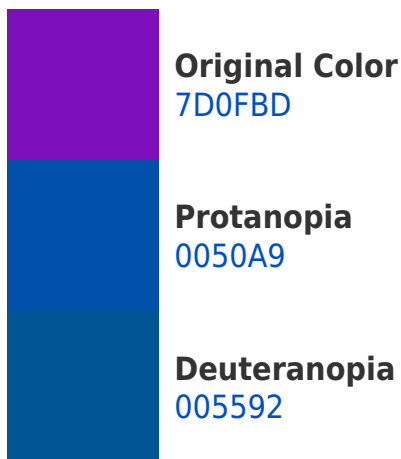


This preview shows how white text looks on a background with the Hex color 7D0FBD.

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
694B50

Trichromacy



Original Color

7D0FBD



Protanomaly

2D38B0



Deuteranomaly

2D3CA2



Tritanomaly

703578

Monochromacy



Original Color

7D0FBD



Achromatopsia

444444



Achromatomaly

593170

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D0FBD 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 #7D0FBD looks like.

```
.text, #text, p{  
    color:#7D0FBD  
}
```

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 #7D0FBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D0FBD
}
```

Border

The CSS property to change the border of an element to Hex 7D0FBD 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".

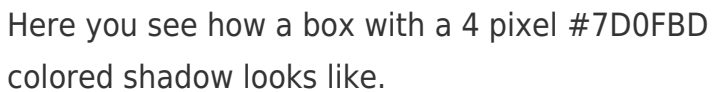
```
.border, #border, table{ border:4px solid
#7D0FBD }
```

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

```
.border{ border-color:#7D0FBD }
```

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

Here you see how a box with a 4 pixel #7D0FBD colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #7D0FBD colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D0FBD; -webkit-box-shadow:4px 4px  
4px 4px #7D0FBD; box-shadow:4px 4px 4px  
4px #7D0FBD }
```

Background

The CSS property to change the background color of an element to Hex 7D0FBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D0FBD }
```

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

```
.background{ background-color:#7D0FBD }
```

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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