

Converting Colors

Hex(7F0DD9)

Have a look what the booklet for
Hex(7F0DD9) contains.

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Color

Hex(7F0DD9)

Conversions

Conversions Part 1

Format	Color
Hex	7F0DD9
RGB	127, 13, 217
RGB Percent	50%, 5%, 85%
CMY	0.5020, 0.9490, 0.1490
CMYK	0.41, 0.94, 0.00, 0.15
HSL	274°, 89%, 45%
HSV	274°, 94%, 85%
XYZ	21.4207, 9.8096, 66.4101
YIQ	70.3420, 2.4600, 87.6120

Conversions

Conversions Part 2

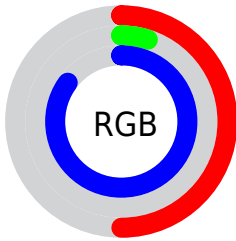
Format	Color
R _{YB}	127, 13, 217
Decimal	8326617
CIE Lab	37.50, 73.68, -77.37
CIE LCh	37, 106.842, 313.599
Yxy	9.8096, 0.2194, 0.1005
Android (android.graphics.Color)	4286516697 (0xFF7F0DD9)
YUV	70.3420, 72.3024, 49.6891
Hunter-Lab	31.3203, 67.2698, -103.7914

Details

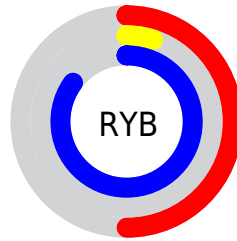
The Hex color **7F0DD9** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **67D90D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **BB53FF**, and **4000A1** is the 20% darker color. If you saturate the color by 10%, you get **7900D9**, and if you desaturate by 10%, it is **8923D9**.

Distribution



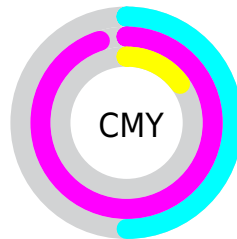
- Red (50%)
- Green (5%)
- Blue (85%)



- Red (50%)
- Yellow (5%)
- Blue (85%)



- Cyan (41%)
- Magenta (94%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (95%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F0DD9 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 7F0DD9 by changing the saturation by 10% instead.

 7F0DD9

 7F0DD9

FFFFFF

 6000BC

 BB53FF

 4000A1

 DA6FFF

 160085

 F88CFF

 00006B

 FFA8FF

 000052

 FFC5FF

 00053A

 FFE2FF

 000223

 00000A

 000000

■ 7F0DD9

■ 7F0DD9

■ 7900D9

■ 8923D9

■ 9238D9

■ 9C4ED9

■ A564D9

■ AF7AD9

■ B88FD9

■ C2A5D9

■ CCBBD9

■ D5D0D9

Harmonies

Analogous

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



005AFF



7F0DD9



D1008B

Triad

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



7F0DD9



924100



00757F

Complementary

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



7F0DD9



67D90D

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.



007321



7F0DD9



476100

Square

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



7F0DD9



C70000



006E00



0077D1

Rectangle

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



7F0DD9



E10053



006E00



007461

Sweetspot

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



7F0DD9



DFB8FF



0D69D9



6C5480



000000



808080

Same Dimension

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



7F0DD9



8E00FF



D90DCF



69636E



6100AD



1A002E

Inverse Universe

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



D90D67



FF0071



0DD917



6E6368



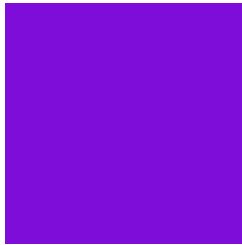
AD004D



2E0014

Previews

White Background



This preview shows how the Hex color 7F0DD9 looks on a white background.

Color Contrast Check

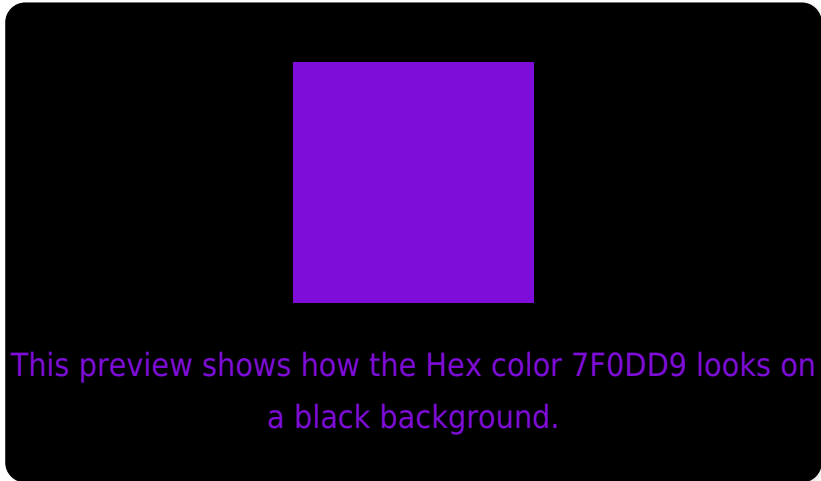
Large Text (above 18pt) WCAG AA ✓ Pass

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

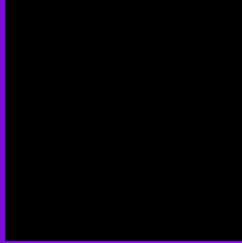
Any Text WCAG AA × Fail

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 7F0DD9 Background



This preview shows how black text looks on a background with the Hex color 7F0DD9.




This preview shows how white text looks on a background with the Hex color 7F0DD9.

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



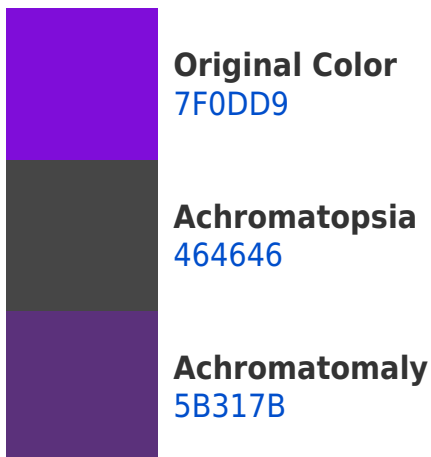


Tritanopia
64555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F0DD9 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 #7F0DD9 looks like.

```
.text, #text, p{  
    color:#7F0DD9  
}
```

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 #7F0DD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0DD9
}
```

Border

The CSS property to change the border of an element to Hex 7F0DD9 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
#7F0DD9 }
```

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

```
.border{ border-color:#7F0DD9 }
```

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

Here you see how a box with a 4 pixel #7F0DD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0DD9; -webkit-box-shadow:4px 4px  
4px 4px #7F0DD9; box-shadow:4px 4px 4px  
4px #7F0DD9 }
```

Background

The CSS property to change the background color of an element to Hex 7F0DD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0DD9 }
```

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

```
.background{ background-color:#7F0DD9 }
```

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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