

Converting Colors

Hex(000D7D)

Have a look what the booklet for
Hex(000D7D) contains.

Hex(000D7D)	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(000D7D)

Conversions

Conversions Part 1

Format	Color
Hex	000D7D
RGB	0, 13, 125
RGB Percent	0%, 5%, 49%
CMY	1.0000, 0.9490, 0.5098
CMYK	1.00, 0.90, 0.00, 0.51
HSL	234°, 100%, 25%
HSV	234°, 100%, 49%
XYZ	3.8456, 1.7685, 19.5407
YIQ	21.8810, -43.7000, 32.0760

Conversions

Conversions Part 2

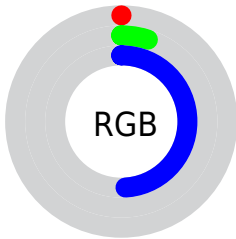
Format	Color
RYB	0, 12, 125
Decimal	3453
CIELab	14.22, 41.38, -60.70
CIELCh	14, 73.468, 304.282
Yxy	1.7685, 0.1529, 0.0703
Android (android.graphics.Color)	4278193533 (0xFF000D7D)
YUV	21.8810, 50.8377, -19.1896
Hunter-Lab	13.2986, 28.3451, -77.8109

Details

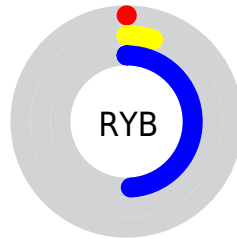
The Hex color **000D7D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7D7000**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **503BB3**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **000D7D**, and if you desaturate by 10%, it is **0C187D**.

Distribution



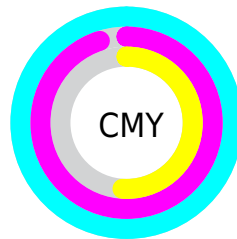
- Red (0%)
- Green (5%)
- Blue (49%)



- Red (0%)
- Yellow (5%)
- Blue (49%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (95%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000D7D 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 000D7D by changing the saturation by 10% instead.

 000D7D

 000D7D

 FFF4FF

 000063

 503BB3

 00004A

 6D53CF

 000433

 8A6CEC

 00021D

 A786FF

 000000

 C4A0FF

 E2BCFF

 FFD8FF

 000D7D

■ 0C187D

■ 19237D

■ 262F7D

■ 323A7D

■ 3F457D

■ 4B507D

■ 575B7D

■ 64677D

■ 71727D

Harmonies

Analogous

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



002D90



000D7D



610052

Triad

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



000D7D



4F0600



00342B

Complementary

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



000D7D



7D7000

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.



003300



000D7D



272500

Square

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



000D7D



6A0000



002F00



00375F

Rectangle

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



000D7D



710031



002F00



003318

Sweetspot

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



000D7D



7277A3



007D6E



343752



D1D1D1



525252

Same Dimension

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



000D7D



0011A3



30007D



393A40



000D80



000000

Inverse Universe

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



7D000D



A30011



4D7D00



40393A



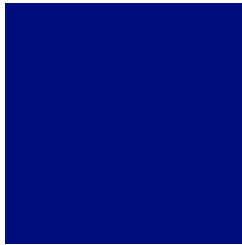
80000D



000000

Previews

White Background



This preview shows how the Hex color 000D7D looks on a white background.

Color Contrast Check

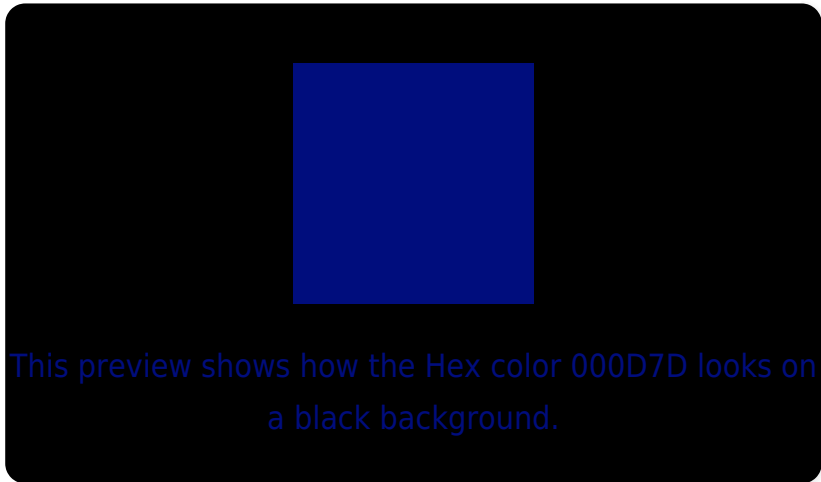
Large Text (above 18pt) WCAG AA ✓ Pass

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

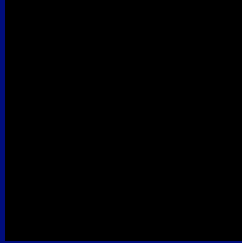
Any Text WCAG AA × Fail

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 000D7D Background



This preview shows how black text looks on a background with the Hex color 000D7D.



This preview shows how white text looks on a background with the Hex color 000D7D.

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
000D7D

Protanopia
00264F

Deuteranopia
002843



Tritanopia
002B2D

Trichromacy



Original Color
000D7D

Protanomaly
001D60

Deuteranomaly
001E58

Tritanomaly
00204A

Monochromacy



Original Color
000D7D

Achromatopsia
161616

Achromatomaly
0E133B

CSS Examples

Text

The CSS property to change the color of the text to Hex 000D7D 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 #000D7D looks like.

```
.text, #text, p{  
    color:#000D7D  
}
```

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 #000D7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000D7D
}
```

Border

The CSS property to change the border of an element to Hex 000D7D 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
#000D7D }
```

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

```
.border{ border-color:#000D7D }
```

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

Here you see how a box with a 4 pixel #000D7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000D7D; -webkit-box-shadow:4px 4px  
4px 4px #000D7D; box-shadow:4px 4px 4px  
4px #000D7D }
```

Background

The CSS property to change the background color of an element to Hex 000D7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000D7D }
```

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

```
.background{ background-color:#000D7D }
```

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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