

Converting Colors

Hex(0D0783)

Have a look what the booklet for
Hex(0D0783) contains.

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Color

Hex(0D0783)

Conversions

Conversions Part 1

Format	Color
Hex	0D0783
RGB	13, 7, 131
RGB Percent	5%, 3%, 51%
CMY	0.9490, 0.9725, 0.4863
CMYK	0.90, 0.95, 0.00, 0.49
HSL	243°, 90%, 27%
HSV	243°, 95%, 51%
XYZ	4.3387, 1.8762, 21.6062
YIQ	22.9300, -36.2280, 39.8360

Conversions

Conversions Part 2

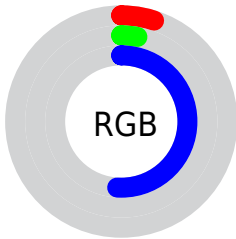
Format	Color
RYB	13, 7, 131
Decimal	853891
CIELab	14.82, 45.83, -63.51
CIELCh	15, 78.321, 305.817
Yxy	1.8762, 0.1559, 0.0674
Android (android.graphics.Color)	4279043971 (0xFF0D0783)
YUV	22.9300, 53.2785, -8.7086
Hunter-Lab	13.6975, 32.5693, -83.9347

Details

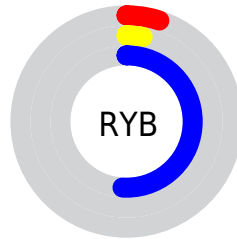
The Hex color **0D0783** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7D8307**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5739B9**, and **000050** is the 20% darker color. If you saturate the color by 10%, you get **060083**, and if you desaturate by 10%, it is **191483**.

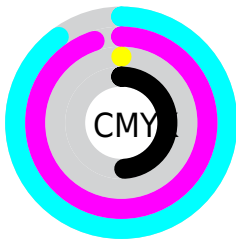
Distribution



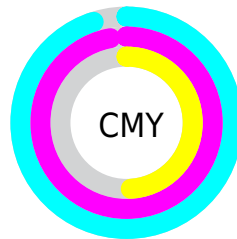
- Red (5%)
- Green (3%)
- Blue (51%)



- Red (5%)
- Yellow (3%)
- Blue (51%)



- Cyan (90%)
- Magenta (95%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (97%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0783 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 0D0783 by changing the saturation by 10% instead.

 0D0783

 0D0783

 FFF3FF


 000069

 5739B9

 000050

 7451D6

 000538

 916AF2

 000222

 AE84FF

 000007

 CB9FFF

 000000

 E9BAFF

 FFD6FF

 0D0783

 0D0783

060083

191483

262183

322E83

3F3B83

4B4983

585683

646383

717083

7D7D83

Harmonies

Analogous

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



002E9A



0D0783



680054

Triad

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



0D0783



510700



00362F

Complementary

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



0D0783



7D8307

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.



003500



0D0783



262800

Square

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



0D0783



6F0000



003100



003967

Rectangle

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



0D0783



780030



003100



00351C

Sweetspot

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



0D0783



7D7BAB



077F83



3B3957



D6D6D6



575757

Same Dimension

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



0D0783



0800AB



490783



3C3C42



060082



000003

Inverse Universe

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



83077D



AB00A3



418307



423C42



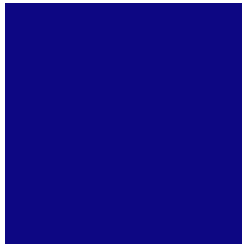
82007C



030002

Previews

White Background



This preview shows how the Hex color 0D0783 looks on a white background.

Color Contrast Check

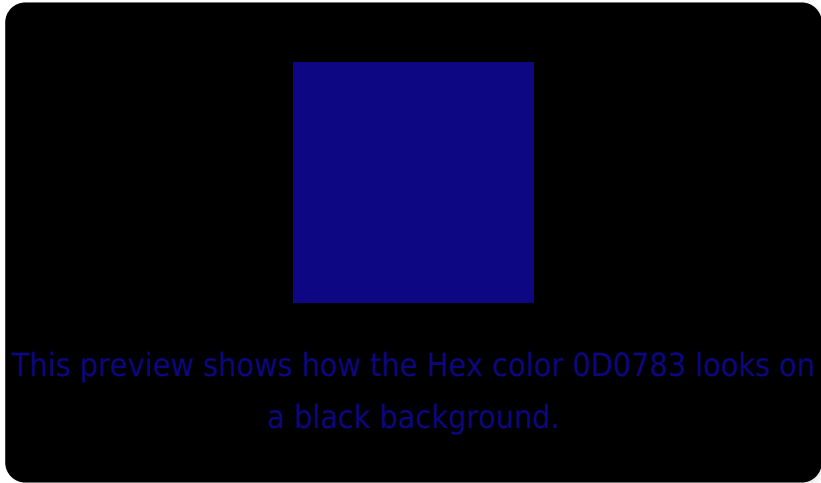
Large Text (above 18pt) WCAG AA ✓ Pass

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

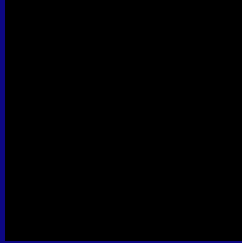
Any Text WCAG AA × Fail

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 0D0783 Background



This preview shows how black text looks on a background with the Hex color 0D0783.



This preview shows how white text looks on a background with the Hex color 0D0783.

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
0D0783

Protanopia
002751

Deuteranopia
002A45

Trichromacy



Original Color
0D0783

Protanomaly
051B63

Deuteranomaly
051D5C

Tritanomaly
051F4E

Monochromacy



Original Color
0D0783

Achromatopsia
171717

Achromatomaly
13113E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0783 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 #0D0783 looks like.

```
.text, #text, p{  
    color:#0D0783  
}
```

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 #0D0783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0783
}
```

Border

The CSS property to change the border of an element to Hex 0D0783 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".

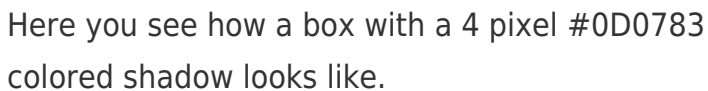
```
.border, #border, table{ border:4px solid
#0D0783 }
```

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

```
.border{ border-color:#0D0783 }
```

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

Here you see how a box with a 4 pixel #0D0783 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0783; -webkit-box-shadow:4px 4px  
4px 4px #0D0783; box-shadow:4px 4px 4px  
4px #0D0783 }
```

Background

The CSS property to change the background color of an element to Hex 0D0783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0783 }
```

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

```
.background{ background-color:#0D0783 }
```

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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