

Converting Colors

Hex(0D0076)

Have a look what the booklet for
Hex(0D0076) contains.

Hex(0D0076)	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(0D0076)

Conversions

Conversions Part 1

Format	Color
Hex	0D0076
RGB	13, 0, 118
RGB Percent	5%, 0%, 46%
CMY	0.9490, 1.0000, 0.5373
CMYK	0.89, 1.00, 0.00, 0.54
HSL	247°, 100%, 23%
HSV	247°, 100%, 46%
XYZ	3.4360, 1.3936, 17.2274
YIQ	17.3390, -30.1300, 39.4540

Conversions

Conversions Part 2

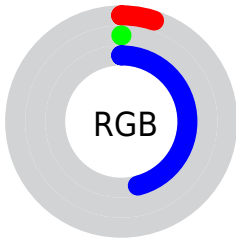
Format	Color
RYB	13, 0, 118
Decimal	852086
CIELab	11.91, 45.00, -60.04
CIELCh	12, 75.037, 306.852
Yxy	1.3936, 0.1558, 0.0632
Android (android.graphics.Color)	4279042166 (0xFF0D0076)
YUV	17.3390, 49.6259, -3.8053
Hunter-Lab	11.8050, 31.2962, -78.2607

Details

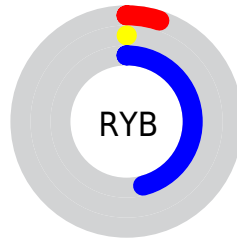
The Hex color **0D0076** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **697600**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5332AC**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **0D0076**, and if you desaturate by 10%, it is **180C76**.

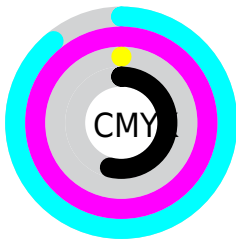
Distribution



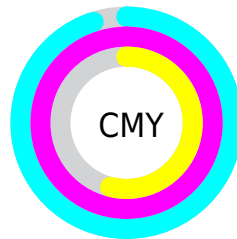
- Red (5%)
- Green (0%)
- Blue (46%)



- Red (5%)
- Yellow (0%)
- Blue (46%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0076 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 0D0076 by changing the saturation by 10% instead.

 0D0076

 0D0076

 FFEAFF

 00005D

 5332AC

 000044

 704AC7

 00032D

 8C63E4

 000117

 A97CFF

 000000

 C697FF

 E4B2FF

 FFCEFF

 0D0076

■ 180C76

■ 221876

■ 2D2376

■ 372F76

■ 423B76

■ 4C4776

■ 575376

■ 615E76

■ 6C6A76

Harmonies

Analogous

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



00278C



0D0076



5F0049

Triad

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



0D0076



460400



002E2B

Complementary

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



0D0076



697600

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.



002D00



0D0076



1D2200

Square

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



0D0076



620000



002B00



00315F

Rectangle

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



0D0076



6D0028



002B00



002D18

Sweetspot

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



0D0076



706B99



006A76



34314D



CCCCCC



4D4D4D

Same Dimension

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



0D0076



110099



470076



35353B



0D007A



1C00FA

Inverse Universe

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



760069



990088



2F7600



3B353A



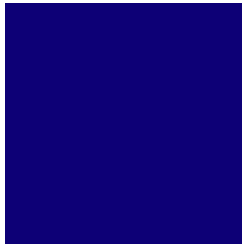
7A006D



FA00DE

Previews

White Background



This preview shows how the Hex color 0D0076 looks on a white background.

Color Contrast Check

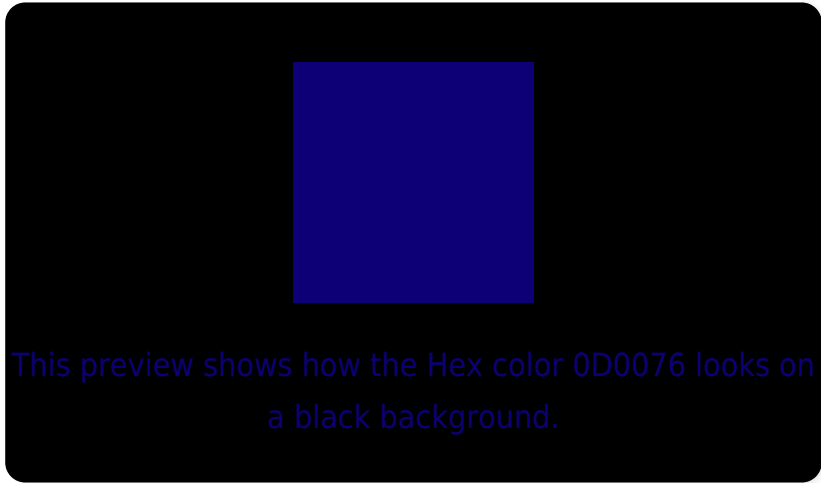
Large Text (above 18pt) WCAG AA ✓ Pass

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

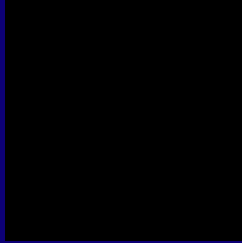
Any Text WCAG AA × Fail

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 0D0076 Background



This preview shows how black text looks on a background with the Hex color 0D0076.



This preview shows how white text looks on a background with the Hex color 0D0076.

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
0D0076

Protanopia
002349

Deuteranopia
00253E

Trichromacy



Original Color
0D0076

Protanomaly
051659

Deuteranomaly
051852

Tritanomaly
051946

Monochromacy



Original Color
0D0076

Achromatopsia
111111

Achromatomaly
100B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0076 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 #0D0076 looks like.

```
.text, #text, p{  
    color:#0D0076  
}
```

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 #0D0076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0076
}
```

Border

The CSS property to change the border of an element to Hex 0D0076 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
#0D0076 }
```

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

```
.border{ border-color:#0D0076 }
```

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

Here you see how a box with a 4 pixel #0D0076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0076; -webkit-box-shadow:4px 4px  
4px 4px #0D0076; box-shadow:4px 4px 4px  
4px #0D0076 }
```

Background

The CSS property to change the background color of an element to Hex 0D0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0076 }
```

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

```
.background{ background-color:#0D0076 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor