

Converting Colors

Hex(001D76)

Have a look what the booklet for
Hex(001D76) contains.

| | |
|--|----|
| Hex(001D76) | 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(001D76)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 001D76 |
| RGB | 0, 29, 118 |
| RGB Percent | 0%, 11%, 46% |
| CMY | 1.0000, 0.8863, 0.5373 |
| CMYK | 1.00, 0.75, 0.00, 0.54 |
| HSL | 225°, 100%, 23% |
| HSV | 225°, 100%, 46% |
| XYZ | 3.7094, 2.1867, 17.3661 |
| YIQ | 30.4750, -45.8530, 21.5310 |

Conversions

Conversions Part 2

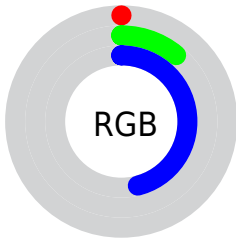
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 23, 118 |
| Decimal | 7542 |
| CIELab | 16.44, 29.78, -52.53 |
| CIELCh | 16, 60.387, 299.547 |
| Yxy | 2.1867, 0.1595, 0.0940 |
| Android (android.graphics.Color) | 4278197622 (0xFF001D76) |
| YUV | 30.4750, 43.1498, -26.7266 |
| Hunter-Lab | 14.7876, 18.8973, -59.2770 |

Details

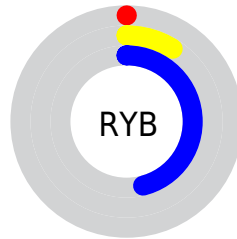
The Hex color **001D76** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **765900**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4C49AB**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **001D76**, and if you desaturate by 10%, it is **0C2676**.

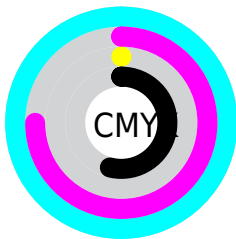
Distribution



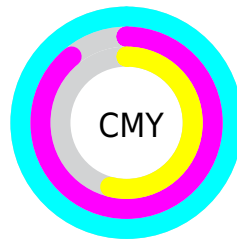
- Red (0%)
- Green (11%)
- Blue (46%)



- Red (0%)
- Yellow (9%)
- Blue (46%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 001D76 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 001D76 by changing the saturation by 10% instead.

■ 001D76

■ 001D76

FFFFFF

■ 00095D

■ 4C49AB

■ 000044

■ 6861C7

■ 00032D

■ 847AE3

■ 000117

■ A194FF

■ 000000

■ BDAEFF

■ DBCAFF

■ F8E6FF

■ 001D76

■ 0C2676

■ 182F76

■ 233876

■ 2F4176

■ 3B4976

■ 475276

■ 535B76

■ 5E6476

■ 6A6D76

Harmonies

Analogous

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



003082



001D76



580055

Triad

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



001D76



540E00



003827

Complementary

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



001D76



765900

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.



003600



001D76



342700

Square

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



001D76



690000



003100



003953

Rectangle

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



001D76



69003A



003100



003717

Sweetspot

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



001D76



6B7699



007659



31384D



CCCCCC



4D4D4D

Same Dimension

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



001D76



002699



1D0076



35363B



001E7A



003DFA

Inverse Universe

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



76001D



990026



597600



3B3536



7A001E



FA003D

Previews

White Background



This preview shows how the Hex color 001D76 looks on a white background.

Color Contrast Check

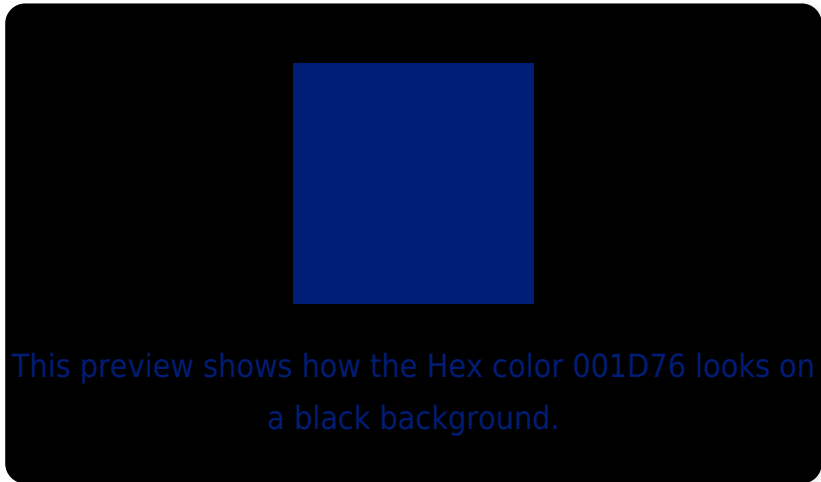
Large Text (above 18pt) WCAG AA ✓ Pass

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

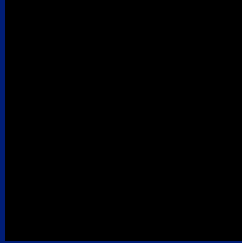
Any Text WCAG AA × Fail

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 001D76 Background



This preview shows how black text looks on a background with the Hex color 001D76.



This preview shows how white text looks on a background with the Hex color 001D76.

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
001D76

Protanopia
002956

Deuteranopia
002C49

Trichromacy



Original Color
001D76

Protanomaly
002562

Deuteranomaly
002759

Tritanomaly
00284A

Monochromacy



Original Color
001D76

Achromatopsia
1E1E1E

Achromatomaly
131E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 001D76 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 #001D76 looks like.

```
.text, #text, p{  
    color:#001D76  
}
```

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 #001D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001D76
}
```

Border

The CSS property to change the border of an element to Hex 001D76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

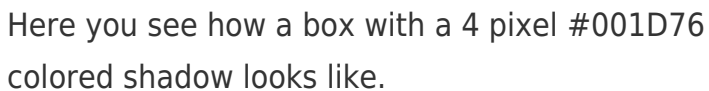
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001D76 }
```

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

```
.border{ border-color:#001D76 }
```

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



Here you see how a box with a 4 pixel #001D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001D76; -webkit-box-shadow:4px 4px  
4px 4px #001D76; box-shadow:4px 4px 4px  
4px #001D76 }
```

Background

The CSS property to change the background color of an element to Hex 001D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001D76 }
```

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

```
.background{ background-color:#001D76 }
```

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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