

Converting Colors

Hex(00187C)

Have a look what the booklet for
Hex(00187C) contains.

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Color

Hex(00187C)

Conversions

Conversions Part 1

Format	Color
Hex	00187C
RGB	0, 24, 124
RGB Percent	0%, 9%, 49%
CMY	1.0000, 0.9059, 0.5137
CMYK	1.00, 0.81, 0.00, 0.51
HSL	228°, 100%, 24%
HSV	228°, 100%, 49%
XYZ	3.9647, 2.1085, 19.2668
YIQ	28.2240, -46.4040, 26.0120

Conversions

Conversions Part 2

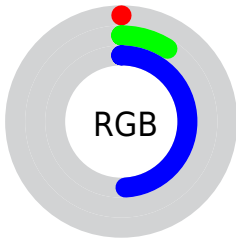
Format	Color
RYB	0, 20, 124
Decimal	6268
CIELab	16.05, 35.27, -57.03
CIELCh	16, 67.057, 301.737
Yxy	2.1085, 0.1565, 0.0832
Android (android.graphics.Color)	4278196348 (0xFF00187C)
YUV	28.2240, 47.2176, -24.7524
Hunter-Lab	14.5207, 23.3264, -68.5046

Details

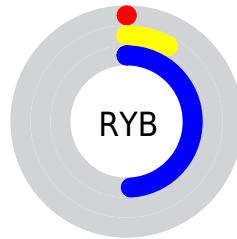
The Hex color **00187C** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7C6400**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **4F44B2**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **00187C**, and if you desaturate by 10%, it is **0C227C**.

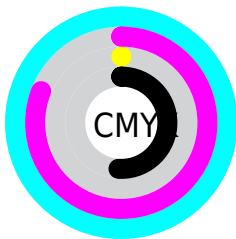
Distribution



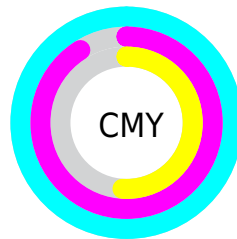
- Red (0%)
- Green (9%)
- Blue (49%)



- Red (0%)
- Yellow (8%)
- Blue (49%)



- Cyan (100%)
- Magenta (81%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (91%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00187C 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 00187C by changing the saturation by 10% instead.

■ 00187C

■ 00187C

FFFEFF

■ 000462

■ 4F44B2

■ 00004A

■ 6C5CCE

■ 000432

■ 8875EA

■ 00021C

■ A58FFF

■ 000000

■ C2AAFF

■ DFC5FF

■ FDE1FF

■ 00187C

■ 0C227C

■ 192C7C

■ 25367C

■ 32407C

■ 3E4A7C

■ 4A547C

■ 575E7C

■ 63687C

■ 70727C

Harmonies

Analogous

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



00308B



00187C



5E0056

Triad

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



00187C



540B00



00382A

Complementary

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



00187C



7C6400

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



00187C



302800

Square

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



00187C



6C0000



003200



00395A

Rectangle

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



00187C



6F0037



003200



003818

Sweetspot

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



00187C



707AA1



007C63



343A52



D1D1D1



525252

Same Dimension

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



00187C



001FA1



25007C



37383D



00187D



0031FC

Inverse Universe

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



7C0018



A1001F



577C00



3D3738



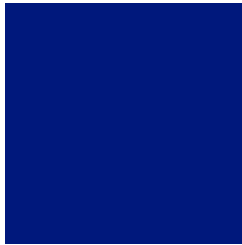
7D0018



FC0031

Previews

White Background



This preview shows how the Hex color 00187C looks on a white background.

Color Contrast Check

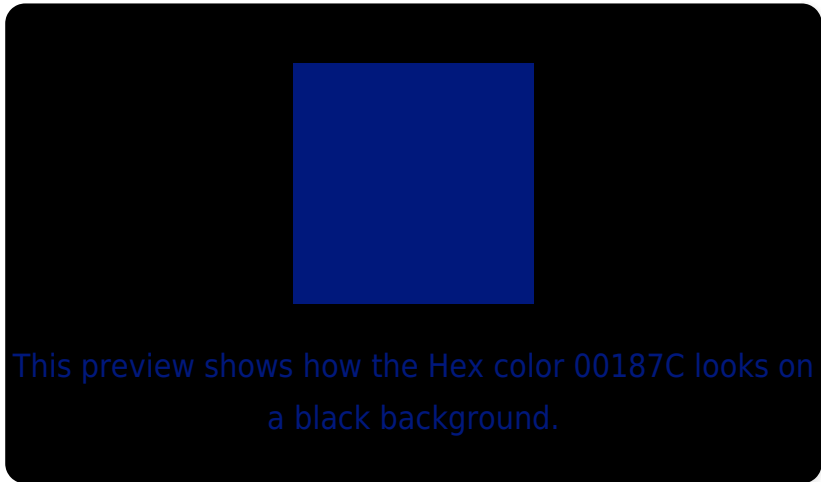
Large Text (above 18pt) WCAG AA ✓ Pass

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

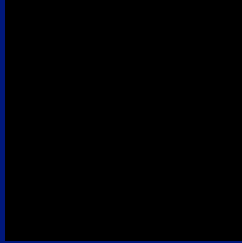
Any Text WCAG AA × Fail

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 00187C Background



This preview shows how black text looks on a background with the Hex color 00187C.



This preview shows how white text looks on a background with the Hex color 00187C.

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
00187C

Protanopia
002855

Deuteranopia
002B48

Trichromacy



Original Color
00187C

Protanomaly
002263

Deuteranomaly
00245B

Tritanomaly
00264C

Monochromacy



Original Color
00187C

Achromatopsia
1C1C1C

Achromatomaly
121B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00187C 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 #00187C looks like.

```
.text, #text, p{  
    color:#00187C  
}
```

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 #00187C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00187C
}
```

Border

The CSS property to change the border of an element to Hex 00187C is called "border". The border property can be set on classes, ids or directly on the HTML element.

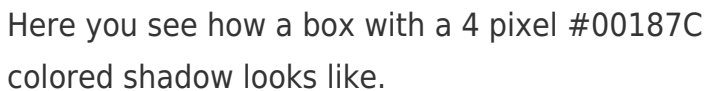
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00187C }
```

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

```
.border{ border-color:#00187C }
```

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



Here you see how a box with a 4 pixel #00187C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00187C; -webkit-box-shadow:4px 4px  
4px 4px #00187C; box-shadow:4px 4px 4px  
4px #00187C }
```

Background

The CSS property to change the background color of an element to Hex 00187C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00187C }
```

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

```
.background{ background-color:#00187C }
```

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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