

Converting Colors

Hex(00187A)

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

Hex(00187A)	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>	28

Color

Hex(00187A)

Conversions

Conversions Part 1

Format	Color
Hex	00187A
RGB	0, 24, 122
RGB Percent	0%, 9%, 48%
CMY	1.0000, 0.9059, 0.5216
CMYK	1.00, 0.80, 0.00, 0.52
HSL	228°, 100%, 24%
HSV	228°, 100%, 48%
XYZ	3.8395, 2.0584, 18.6073
YIQ	27.9960, -45.7620, 25.3900

Conversions

Conversions Part 2

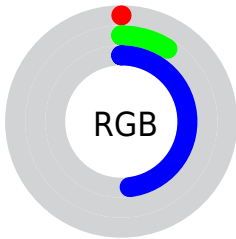
Format	Color
RYB	0, 20, 122
Decimal	6266
CIELab	15.79, 34.53, -56.17
CIELCh	16, 65.939, 301.579
Yxy	2.0584, 0.1567, 0.0840
Android (android.graphics.Color)	4278196346 (0xFF00187A)
YUV	27.9960, 46.3440, -24.5525
Hunter-Lab	14.3472, 22.6614, -66.8522

Details

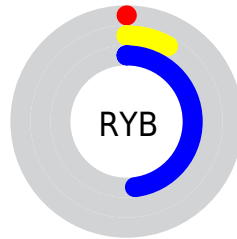
The Hex color **00187A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7A6200**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **4E44B0**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **00187A**, and if you desaturate by 10%, it is **0C227A**.

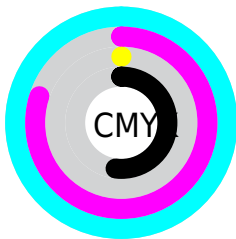
Distribution



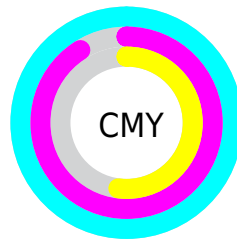
- Red (0%)
- Green (9%)
- Blue (48%)



- Red (0%)
- Yellow (8%)
- Blue (48%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (91%)
- Yellow (52%)

Brightness & Saturation Gradients

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

■ 00187A

■ 00187A

FFFEFF

■ 000460

■ 4E44B0

■ 000048

■ 6B5CCB

■ 000430

■ 8775E8

■ 00011B

■ A48FFF

■ 000000

■ C1A9FF

■ DEC5FF

■ FCE1FF

■ 00187A

■ 0C227A

■ 182C7A

■ 25357A

■ 313F7A

■ 3D497A

■ 49537A

■ 555D7A

■ 62667A

■ 6E707A

Harmonies

Analogous

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



002F89



00187A



5C0055

Triad

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



00187A



530B00



003829

Complementary

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



00187A



7A6200

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



00187A



302700

Square

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



00187A



6B0000



003100



003858

Rectangle

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



00187A



6D0037



003100



003718

Sweetspot

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



00187A



6F789E



007A62



33384F



CFCFCF



4F4F4F

Same Dimension

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



00187A



001F9E



25007A



37383D



00197D



0032FC

Inverse Universe

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



7A0018



9E001F



557A00



3D3738



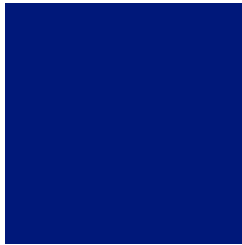
7D0019



FC0032

Previews

White Background



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

Color Contrast Check

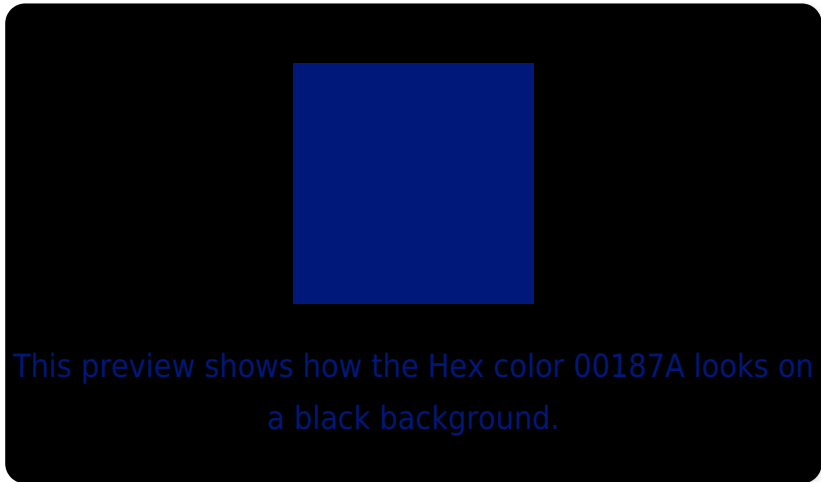
Large Text (above 18pt) WCAG AA ✓ Pass

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

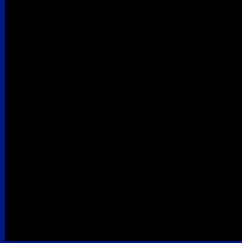
Any Text WCAG AA × Fail

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 00187A Background



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



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

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



Trichromacy



Original Color
00187A

Deuteranomaly
00245A

Tritanomaly
00264B

Monochromacy



Original Color
00187A

Achromatopsia
1C1C1C

Achromatomaly
121B3E

CSS Examples

Text

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

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

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 #00187A colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 00187A 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
#00187A }
```

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

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

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

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

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

Background

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

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

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

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

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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