

Converting Colors

Hex(04187D)

Have a look what the booklet for
Hex(04187D) contains.

Hex(04187D)	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(04187D)

Conversions

Conversions Part 1

Format	Color
Hex	04187D
RGB	4, 24, 125
RGB Percent	2%, 9%, 49%
CMY	0.9843, 0.9059, 0.5098
CMYK	0.97, 0.81, 0.00, 0.51
HSL	230°, 94%, 25%
HSV	230°, 97%, 49%
XYZ	4.0784, 2.1597, 19.6040
YIQ	29.5340, -44.3410, 27.1710

Conversions

Conversions Part 2

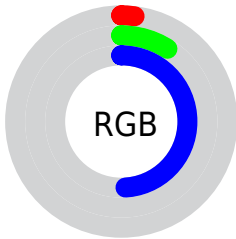
Format	Color
R_{YB}	4, 21, 125
Decimal	268413
CIE _{Lab}	16.30, 35.80, -57.24
CIE _{LCh}	16, 67.513, 302.028
Yxy	2.1597, 0.1578, 0.0836
Android (android.graphics.Color)	4278458493 (0xFF04187D)
YUV	29.5340, 47.0647, -22.3933
Hunter-Lab	14.6961, 23.8182, -68.8031

Details

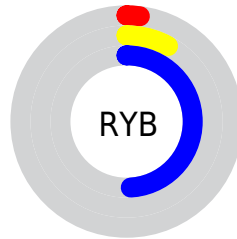
The Hex color **04187D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7D6904**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **5045B3**, and **00004B** is the 20% darker color. If you saturate the color by 10%, you get **00157D**, and if you desaturate by 10%, it is **11227D**.

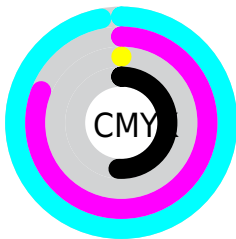
Distribution



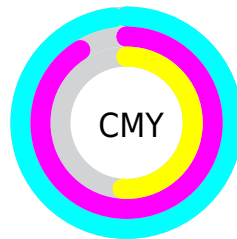
- Red (2%)
- Green (9%)
- Blue (49%)



- Red (2%)
- Yellow (8%)
- Blue (49%)



- Cyan (97%)
- Magenta (81%)
- Yellow (0%)
- Black (51%)



- Cyan (98%)
- Magenta (91%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04187D 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 04187D by changing the saturation by 10% instead.

■ 04187D

■ 04187D

FFFEFF

■ 000463

■ 5045B3

■ 00004B

■ 6D5CCF

■ 000433

■ 8A75EB

■ 00021D

■ A68FFF

■ 000000

■ C3AAFF

■ E1C5FF

■ FFE1FF

■ 04187D

■ 04187D

■ 00157D

■ 11227D

■ 1D2D7D

■ 2A377D

■ 36427D

■ 434C7D

■ 4F577D

■ 5C617D

■ 686B7D

■ 75767D

Harmonies

Analogous

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



00318D



04187D



5F0057

Triad

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



04187D



550C00



00392B

Complementary

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



04187D



7D6904

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.



003700



04187D



302800

Square

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



04187D



6D0000



003200



003A5C

Rectangle

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



04187D



710038



003200



003919

Sweetspot

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



04187D



747CA3



047D69



353A52



D1D1D1



525252

Same Dimension

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



04187D



001BA3



2C047D



393A40



001580



000000

Inverse Universe

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



7D0418



A3001B



557D04



40393A



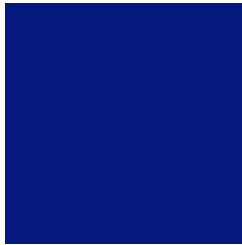
800015



000000

Previews

White Background



This preview shows how the Hex color 04187D looks on a white background.

Color Contrast Check

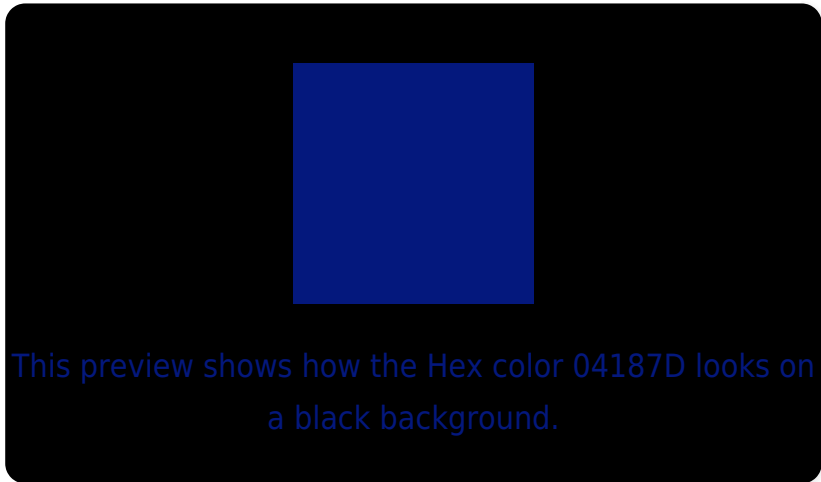
Large Text (above 18pt) WCAG AA ✓ Pass

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

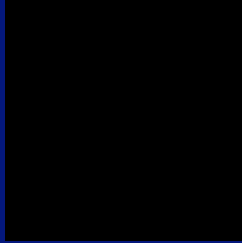
Any Text WCAG AA × Fail

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 04187D Background



This preview shows how black text looks on a background with the Hex color 04187D.



This preview shows how white text looks on a background with the Hex color 04187D.

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
04187D

Protanopia
002955

Deuteranopia
002B48



Tritanopia
002F31

Trichromacy



Original Color
04187D

Protanomaly
012364

Deuteranomaly
01245B

Tritanomaly
01274D

Monochromacy



Original Color
04187D

Achromatopsia
1E1E1E

Achromatomaly
151C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 04187D 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 #04187D looks like.

```
.text, #text, p{  
    color:#04187D  
}
```

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 #04187D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04187D
}
```

Border

The CSS property to change the border of an element to Hex 04187D is called "border". The border property can be set on classes, ids or directly on the HTML element.

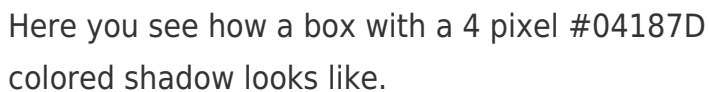
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#04187D }
```

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

```
.border{ border-color:#04187D }
```

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



Here you see how a box with a 4 pixel #04187D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04187D; -webkit-box-shadow:4px 4px  
4px 4px #04187D; box-shadow:4px 4px 4px  
4px #04187D }
```

Background

The CSS property to change the background color of an element to Hex 04187D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04187D }
```

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

```
.background{ background-color:#04187D }
```

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