

Converting Colors

Hex(0C487B)

Have a look what the booklet for
Hex(0C487B) contains.

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Color

Hex(0C487B)

Conversions

Conversions Part 1

Format	Color
Hex	0C487B
RGB	12, 72, 123
RGB Percent	5%, 28%, 48%
CMY	0.9529, 0.7176, 0.5176
CMYK	0.90, 0.41, 0.00, 0.52
HSL	208°, 82%, 26%
HSV	208°, 90%, 48%
XYZ	6.0441, 6.1430, 19.6060
YIQ	59.8740, -52.1310, 3.1410

Conversions

Conversions Part 2

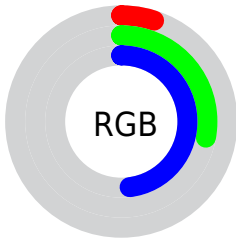
Format	Color
R_{YB}	12, 51, 123
Decimal	804987
CIE _{Lab}	29.77, 2.29, -34.02
CIE _{LCh}	30, 34.100, 273.846
Yxy	6.1430, 0.1901, 0.1932
Android (android.graphics.Color)	4278995067 (0xFF0C487B)
YUV	59.8740, 31.1211, -41.9855
Hunter-Lab	24.7850, 0.1558, -29.5516

Details

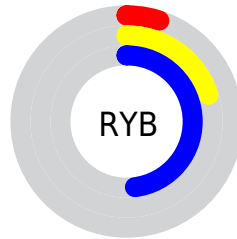
The Hex color **0C487B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7B3F0C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4F78B0**, and **001D4A** is the 20% darker color. If you saturate the color by 10%, you get **00427B**, and if you desaturate by 10%, it is **184E7B**.

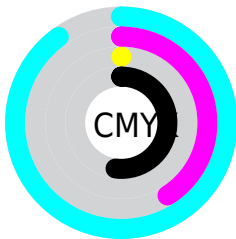
Distribution



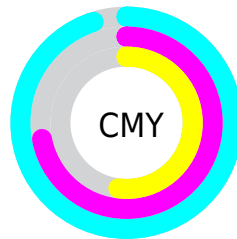
- Red (5%)
- Green (28%)
- Blue (48%)



- Red (5%)
- Yellow (20%)
- Blue (48%)



- Cyan (90%)
- Magenta (41%)
- Yellow (0%)
- Black (52%)



- Cyan (95%)
- Magenta (72%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C487B 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 0C487B by changing the saturation by 10% instead.

0C487B

0C487B

FFFFFF

003262

4F78B0

001D4A

6A92CB

000333

86ACE8

00021D

A2C7FF

000000

BEE3FF

DBFFFF

F9FFFF

0C487B

0C487B

■ 00427B

■ 184E7B

■ 25537B

■ 31597B

■ 3D5F7B

■ 49647B

■ 566A7B

■ 62707B

■ 6E757B

■ 7B7B7B

Harmonies

Analogous

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



004F75



0C487B



4B3E72

Triad

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



0C487B



74322A



07512E

Complementary

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



0C487B



7B3F0C

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.



364D17



0C487B



663C15

Square

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



0C487B



762D44



51460C



005349

Rectangle

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



0C487B



613666



51460C



1D5025

Sweetspot

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



0C487B



758DA1



0C7B3E



374652



D1D1D1



525252

Same Dimension

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



0C487B



0057A1



0C127B



373A3D



00447D



0088FC

Inverse Universe

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



7B0C48



A10057



7B750C



3D373A



7D0044



FC0088

Previews

White Background



This preview shows how the Hex color 0C487B looks on a white background.

Color Contrast Check

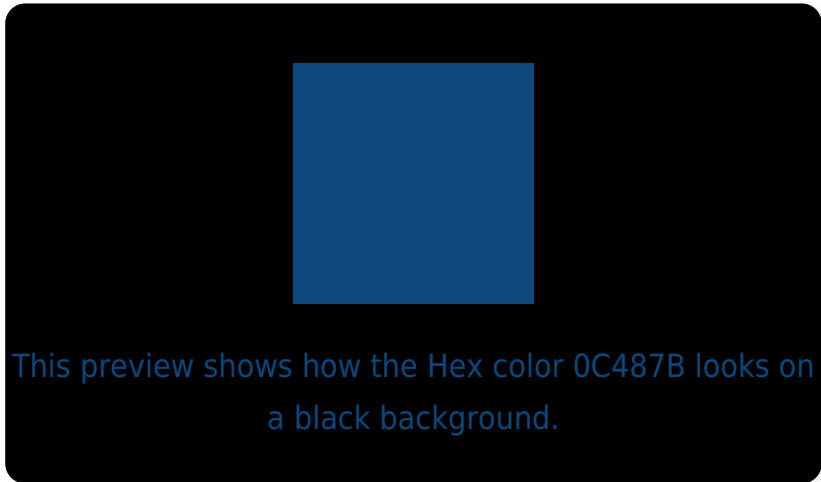
Large Text (above 18pt) WCAG AA ✓ Pass

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

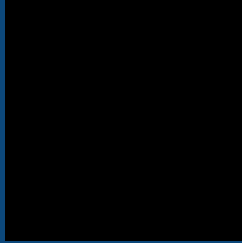
Any Text WCAG AA × Fail

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 0C487B Background



This preview shows how black text looks on a background with the Hex color 0C487B.



This preview shows how white text looks on a background with the Hex color 0C487B.

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
0C487B

Protanopia
304478

Deuteranopia
19477B



Tritanopia
004E53

Trichromacy



Original Color
0C487B

Protanomaly
234579

Deuteranomaly
14477B

Tritanomaly
044C62

Monochromacy



Original Color
0C487B

Achromatopsia
3C3C3C

Achromatomaly
2B4053

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C487B 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 #0C487B looks like.

```
.text, #text, p{  
    color:#0C487B  
}
```

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 #0C487B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C487B
}
```

Border

The CSS property to change the border of an element to Hex 0C487B 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
#0C487B }
```

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

```
.border{ border-color:#0C487B }
```

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

Here you see how a box with a 4 pixel #0C487B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C487B; -webkit-box-shadow:4px 4px  
4px 4px #0C487B; box-shadow:4px 4px 4px  
4px #0C487B }
```

Background

The CSS property to change the background color of an element to Hex 0C487B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C487B }
```

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

```
.background{ background-color:#0C487B }
```

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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