

Converting Colors

Hex(0C497D)

Have a look what the booklet for
Hex(0C497D) contains.

Hex(0C497D)	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(0C497D)

Conversions

Conversions Part 1

Format	Color
Hex	0C497D
RGB	12, 73, 125
RGB Percent	5%, 29%, 49%
CMY	0.9529, 0.7137, 0.5098
CMYK	0.90, 0.42, 0.00, 0.51
HSL	208°, 82%, 27%
HSV	208°, 90%, 49%
XYZ	6.2358, 6.3239, 20.2940
YIQ	60.6890, -53.0480, 3.2400

Conversions

Conversions Part 2

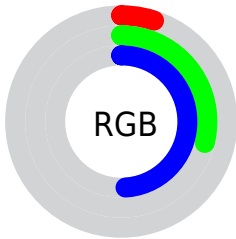
Format	Color
RYB	12, 52, 125
Decimal	805245
CIELab	30.22, 2.46, -34.56
CIELCh	30, 34.649, 274.066
Yxy	6.3239, 0.1898, 0.1925
Android (android.graphics.Color)	4278995325 (0xFF0C497D)
YUV	60.6890, 31.7053, -42.7003
Hunter-Lab	25.1474, 0.2549, -30.2440

Details

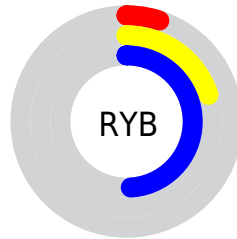
The Hex color **0C497D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7D400C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4F79B2**, and **001E4B** is the 20% darker color. If you saturate the color by 10%, you get **00437D**, and if you desaturate by 10%, it is **184F7D**.

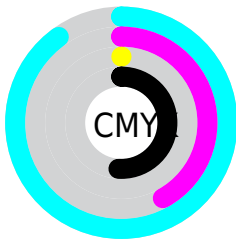
Distribution



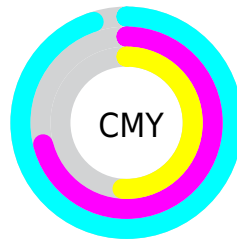
- Red (5%)
- Green (29%)
- Blue (49%)



- Red (5%)
- Yellow (20%)
- Blue (49%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (51%)



- Cyan (95%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C497D 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 0C497D by changing the saturation by 10% instead.

■ 0C497D

■ 0C497D

FFFFFF

■ 003364

■ 4F79B2

■ 001E4B

■ 6B93CE

■ 000335

■ 87ADEA

■ 00021F

■ A3C9FF

■ 000001

■ BFE5FF

■ 000000

■ DCFFFF

■ FAFFFF

■ 0C497D

■ 0C497D

■ 00437D

■ 184F7D

■ 25557D

■ 315A7D

■ 3E607D

■ 4A667D

■ 576C7D

■ 63717D

■ 70777D

■ 7D7D7D

Harmonies

Analogous

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



005077



0C497D



4D3E74

Triad

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



0C497D



76332A



05522E

Complementary

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



0C497D



7D400C

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.



364E17



0C497D



683D15

Square

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



0C497D



782E45



52470C



00544A

Rectangle

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



0C497D



633767



52470C



1D5126

Sweetspot

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



0C497D



778FA3



0C7D3F



374652



D1D1D1



525252

Same Dimension

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



0C497D



0058A3



0C127D



393D40



004580



000000

Inverse Universe

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



7D0C49



A30058



7D770C



40393D



800045



000000

Previews

White Background



This preview shows how the Hex color 0C497D looks on a white background.

Color Contrast Check

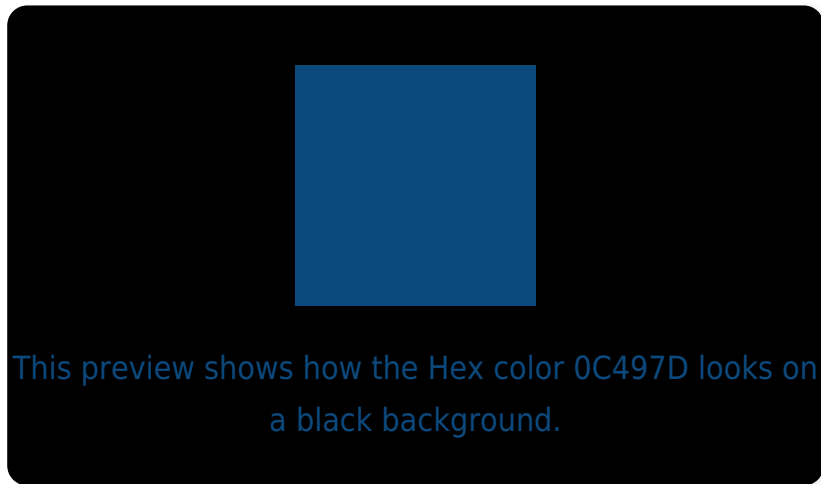
Large Text (above 18pt) WCAG AA ✓ Pass

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

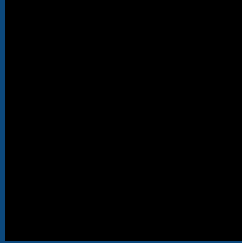
Any Text WCAG AA × Fail

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 0C497D Background



This preview shows how black text looks on a background with the Hex color 0C497D.

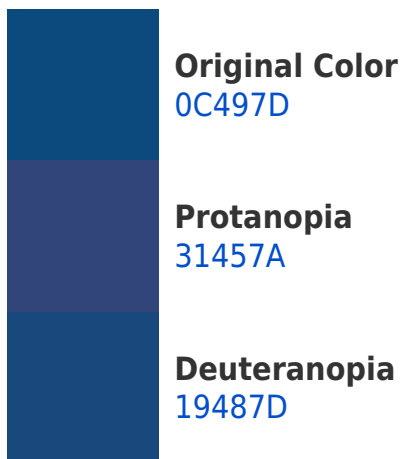


This preview shows how white text looks on a background with the Hex color 0C497D.

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](#).

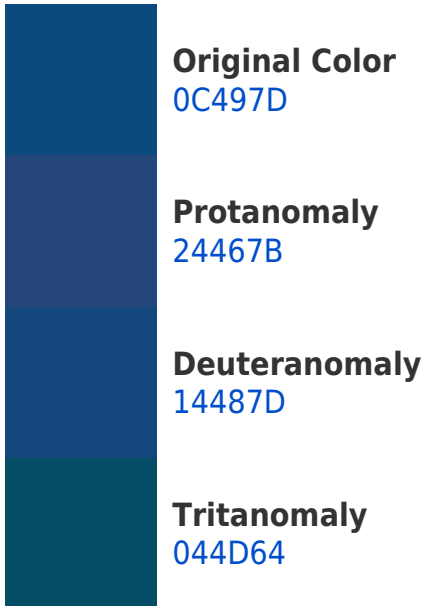
Dichromacy





Tritanopia
004F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0C497D 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 #0C497D looks like.

```
.text, #text, p{  
    color:#0C497D  
}
```

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 #0C497D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C497D
}
```

Border

The CSS property to change the border of an element to Hex 0C497D 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
#0C497D }
```

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

```
.border{ border-color:#0C497D }
```

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

Here you see how a box with a 4 pixel #0C497D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C497D; -webkit-box-shadow:4px 4px  
4px 4px #0C497D; box-shadow:4px 4px 4px  
4px #0C497D }
```

Background

The CSS property to change the background color of an element to Hex 0C497D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C497D }
```

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

```
.background{ background-color:#0C497D }
```

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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