

Converting Colors

Hex(007495)

Have a look what the booklet for
Hex(007495) contains.

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Color

Hex(007495)

Conversions

Conversions Part 1

Format	Color
Hex	007495
RGB	0, 116, 149
RGB Percent	0%, 45%, 58%
CMY	1.0000, 0.5451, 0.4157
CMYK	1.00, 0.22, 0.00, 0.42
HSL	193°, 100%, 29%
HSV	193°, 100%, 58%
XYZ	11.6702, 14.6607, 30.6485
YIQ	85.0780, -79.7290, -14.3290

Conversions

Conversions Part 2

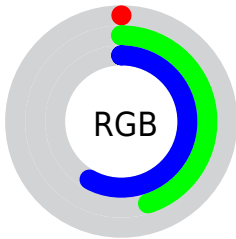
Format	Color
RYB	0, 65, 149
Decimal	29845
CIELab	45.17, -15.13, -25.61
CIELCh	45, 29.751, 239.426
Yxy	14.6607, 0.2048, 0.2573
Android (android.graphics.Color)	4278219925 (0xFF007495)
YUV	85.0780, 31.5135, -74.6134
Hunter-Lab	38.2893, -12.6012, -20.6559

Details

The Hex color **007495** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **952100**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **54A8CB**, and **004462** is the 20% darker color. If you saturate the color by 10%, you get **007495**, and if you desaturate by 10%, it is **0F7795**.

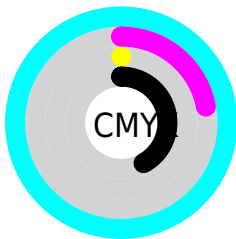
Distribution



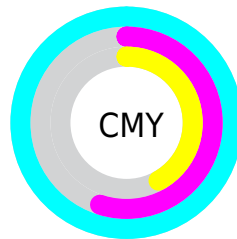
- Red (0%)
- Green (45%)
- Blue (58%)



- Red (0%)
- Yellow (25%)
- Blue (58%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007495 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 007495 by changing the saturation by 10% instead.

 007495

 007495

FFFFFF

 005B7B

 54A8CB

 004462

 72C3E7

 002D4A

 8FDFFF

 001A33

 ACFCFF

 00021E

 C9FFFF

 000000

 E7FFFF

 007495

 0F7795

■ 1E7B95

■ 2D7E95

■ 3C8195

■ 4B8595

■ 598895

■ 688B95

■ 778E95

■ 869295

Harmonies

Analogous

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



007782



007495



436D9C

Triad

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



007495



99576C



62713F

Complementary

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



007495



952100

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.



7B6939



007495



9A5954

Square

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



007495



895C84



8F6141



437651

Rectangle

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



007495



60689A



8F6141



6B6E3B

Sweetspot

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



007495



88B5C2



009520



3E5961



E0E0E0



616161

Same Dimension

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



007495



0097C2



002A95



43484A



006B8A



00080A

Inverse Universe

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



950074



C20097



956B00



4A4348



8A006B



0A0008

Previews

White Background



This preview shows how the Hex color 007495 looks on a white background.

Color Contrast Check

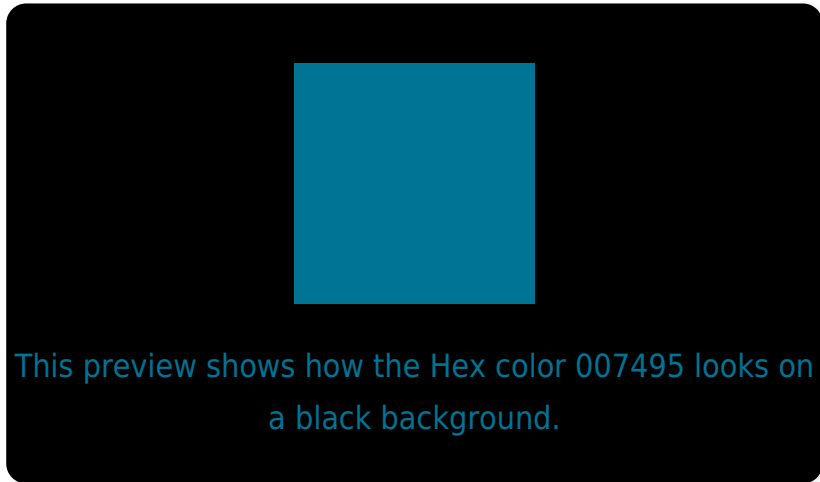
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

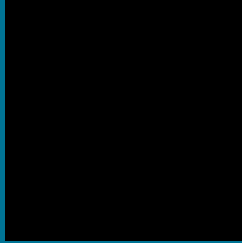
Any Text WCAG AA × Fail

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 007495 Background



This preview shows how black text looks on a background with the Hex color 007495.

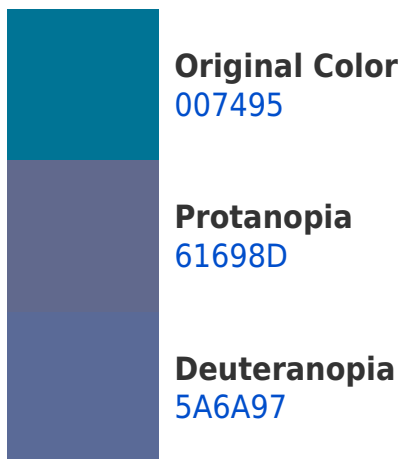


This preview shows how white text looks on a background with the Hex color 007495.

Color Blindness Simulation

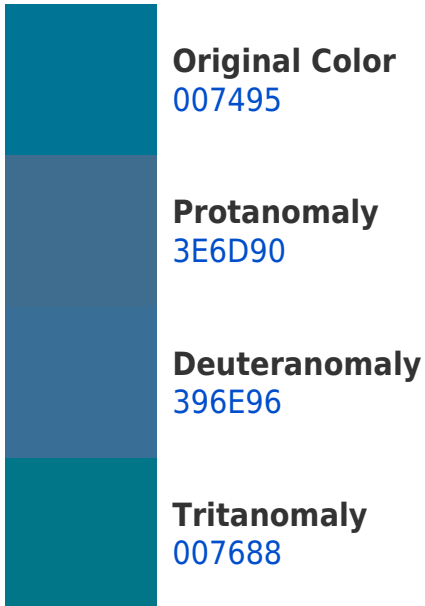
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007495 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 #007495 looks like.

```
.text, #text, p{  
    color:#007495  
}
```

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 #007495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007495
}
```

Border

The CSS property to change the border of an element to Hex 007495 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
#007495 }
```

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

```
.border{ border-color:#007495 }
```

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

Here you see how a box with a 4 pixel #007495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007495; -webkit-box-shadow:4px 4px  
4px 4px #007495; box-shadow:4px 4px 4px  
4px #007495 }
```

Background

The CSS property to change the background color of an element to Hex 007495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007495 }
```

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

```
.background{ background-color:#007495 }
```

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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