

Converting Colors

Hex(047493)

Have a look what the booklet for
Hex(047493) contains.

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Color

Hex(047493)

Conversions

Conversions Part 1

Format	Color
Hex	047493
RGB	4, 116, 147
RGB Percent	2%, 45%, 58%
CMY	0.9843, 0.5451, 0.4235
CMYK	0.97, 0.21, 0.00, 0.42
HSL	193°, 95%, 30%
HSV	193°, 97%, 58%
XYZ	11.5619, 14.6232, 29.8169
YIQ	86.0460, -76.7030, -14.1030

Conversions

Conversions Part 2

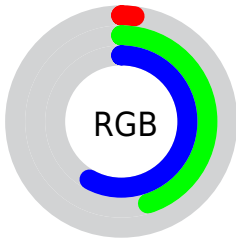
Format	Color
RYB	4, 67, 147
Decimal	291987
CIELab	45.11, -15.68, -24.51
CIELCh	45, 29.094, 237.392
Yxy	14.6232, 0.2065, 0.2611
Android (android.graphics.Color)	4278482067 (0xFF047493)
YUV	86.0460, 30.0503, -71.9543
Hunter-Lab	38.2403, -12.9511, -19.4618

Details

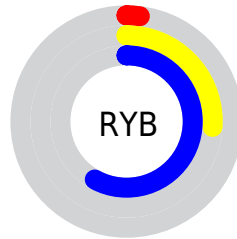
The Hex color **047493** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **932304**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **55A8C9**, and **004460** is the 20% darker color. If you saturate the color by 10%, you get **007393**, and if you desaturate by 10%, it is **137793**.

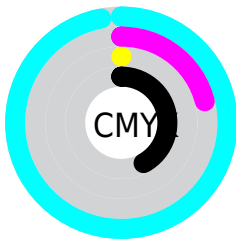
Distribution



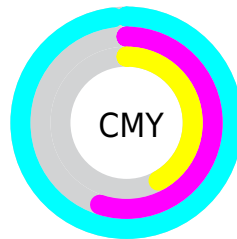
- Red (2%)
- Green (45%)
- Blue (58%)



- Red (2%)
- Yellow (26%)
- Blue (58%)



- Cyan (97%)
- Magenta (21%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 047493 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 047493 by changing the saturation by 10% instead.

047493

047493

FFFFFF

005B79

55A8C9

004460

72C3E5

002D48

8FDFFF

001A32

ACFCFF

00021D

CAFFFF

000000

E7FFFF

047493

047493

007393

137793

■ 217A93

■ 307E93

■ 3F8193

■ 4D8493

■ 5C8793

■ 6B8A93

■ 7A8D93

■ 889193

Harmonies

Analogous

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



007780



047493



426E9B

Triad

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



047493



97586E



64703F

Complementary

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



047493



932304

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.



7C693A



047493



995956

Square

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



047493



875D85



8F6043



477550

Rectangle

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



047493



5E6899



8F6043



6C6E3B

Sweetspot

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



047493



88B3BF



049323



3F5A61



E0E0E0



616161

Same Dimension

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



047493



0096BF



042D93



43484A



006C8A



00080A

Inverse Universe

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



930474



BF0096



936A04



4A4348



8A006C



0A0008

Previews

White Background



This preview shows how the Hex color 047493 looks on a white background.

Color Contrast Check

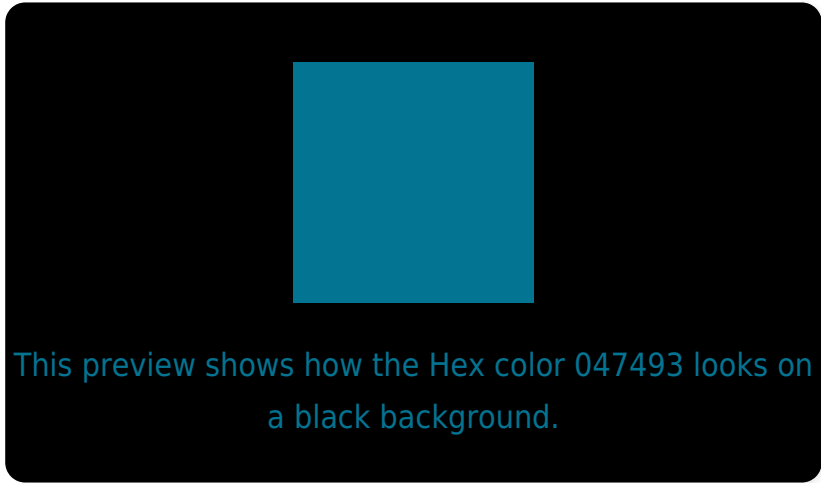
Large Text (above 18pt) WCAG AA ✓ Pass

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

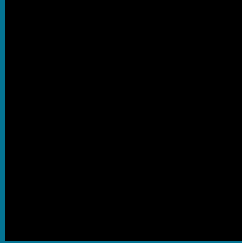
Any Text WCAG AA × Fail

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 047493 Background



This preview shows how black text looks on a background with the Hex color 047493.

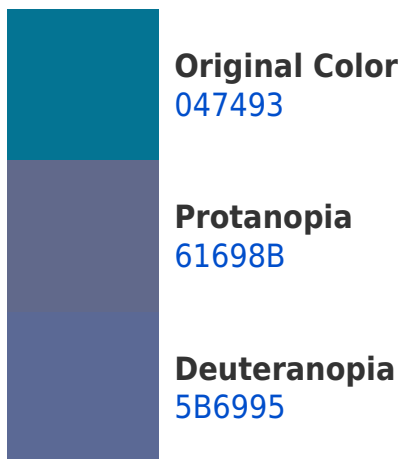


This preview shows how white text looks on a background with the Hex color 047493.

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
007680

Trichromacy



Original Color
047493

Protanomaly
3F6D8E

Deuteranomaly
3B6D94

Tritanomaly
017587

Monochromacy



Original Color
047493

Achromatopsia
565656

Achromatomaly
38616C

CSS Examples

Text

The CSS property to change the color of the text to Hex 047493 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 #047493 looks like.

```
.text, #text, p{  
    color:#047493  
}
```

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 #047493 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #047493
}
```

Border

The CSS property to change the border of an element to Hex 047493 is called "border". The border property can be set on classes, ids or directly on the HTML element.

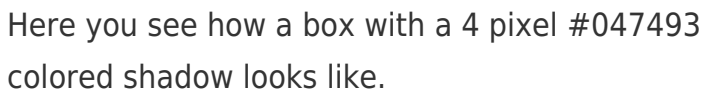
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#047493 }
```

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

```
.border{ border-color:#047493 }
```

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



Here you see how a box with a 4 pixel #047493 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #047493; -webkit-box-shadow:4px 4px  
4px 4px #047493; box-shadow:4px 4px 4px  
4px #047493 }
```

Background

The CSS property to change the background color of an element to Hex 047493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#047493 }
```

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

```
.background{ background-color:#047493 }
```

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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