

Converting Colors

Hex(0A4C77)

Have a look what the booklet for
Hex(0A4C77) contains.

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Color

Hex(0A4C77)

Conversions

Conversions Part 1

Format	Color
Hex	0A4C77
RGB	10, 76, 119
RGB Percent	4%, 30%, 47%
CMY	0.9608, 0.7020, 0.5333
CMYK	0.92, 0.36, 0.00, 0.53
HSL	204°, 84%, 25%
HSV	204°, 92%, 47%
XYZ	6.0394, 6.5653, 18.4017
YIQ	61.1680, -53.1390, -0.6190

Conversions

Conversions Part 2

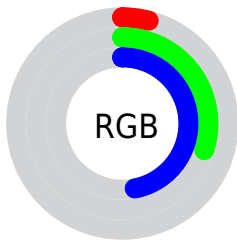
Format	Color
RYB	10, 51, 119
Decimal	674935
CIELab	30.80, -2.19, -29.89
CIELCh	31, 29.973, 265.816
Yxy	6.5653, 0.1948, 0.2117
Android (android.graphics.Color)	4278865015 (0xFF0A4C77)
YUV	61.1680, 28.5112, -44.8743
Hunter-Lab	25.6229, -2.7671, -24.6445

Details

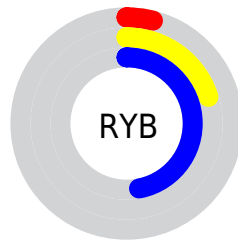
The Hex color **0A4C77** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **77350A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4D7DAC**, and **002146** is the 20% darker color. If you saturate the color by 10%, you get **004877**, and if you desaturate by 10%, it is **165177**.

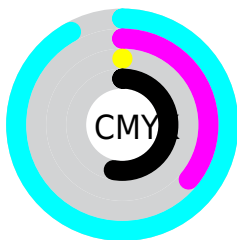
Distribution



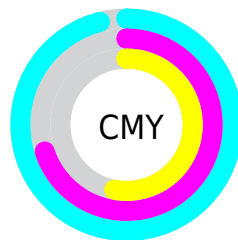
- Red (4%)
- Green (30%)
- Blue (47%)



- Red (4%)
- Yellow (20%)
- Blue (47%)



- Cyan (92%)
- Magenta (36%)
- Yellow (0%)
- Black (53%)



- Cyan (96%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4C77 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 0A4C77 by changing the saturation by 10% instead.

0A4C77

0A4C77

FFFFFF

00365E

4D7DAC

002146

6996C7

000830

84B1E3

00011A

A0CCFF

000000

BCE8FF

D9FFFF

F6FFFF

0A4C77

0A4C77

■ 004877

■ 165177

■ 225577

■ 2E5A77

■ 3A5F77

■ 456377

■ 516877

■ 5D6D77

■ 697277

■ 757677

Harmonies

Analogous

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



00516F



0A4C77



444473

Triad

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



0A4C77



733635



24522D

Complementary

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



0A4C77



77350A

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.



424D1C



0A4C77



6A3D22

Square

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



0A4C77



71344D



594618



005444

Rectangle

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



0A4C77



5A3D69



594618



2F5027

Sweetspot

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



0A4C77



728B9C



0A7734



36454F



CFCFCF



4F4F4F

Same Dimension

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



0A4C77



005E9C



0A1777



35383B



004A7A



0097FA

Inverse Universe

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



770A4C



9C005E



776A0A



3B3538



7A004A



FA0097

Previews

White Background



This preview shows how the Hex color 0A4C77 looks on a white background.

Color Contrast Check

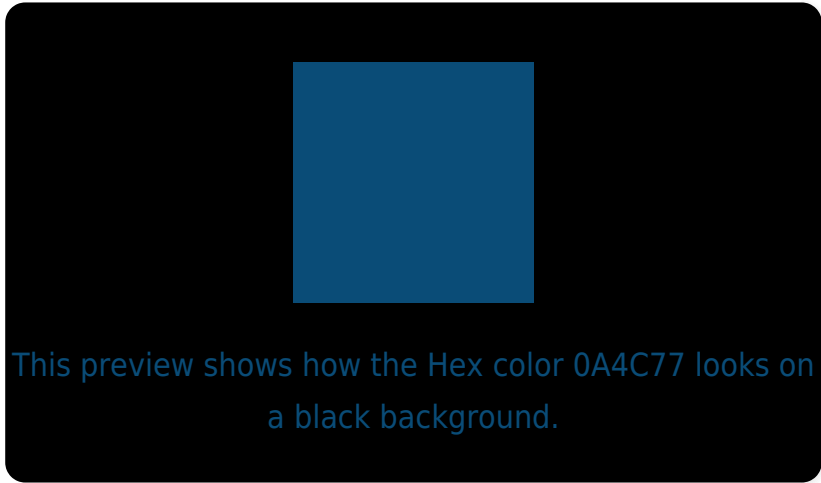
Large Text (above 18pt) WCAG AA ✓ Pass

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

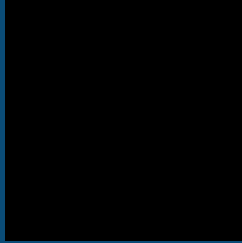
Any Text WCAG AA × Fail

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 0A4C77 Background



This preview shows how black text looks on a background with the Hex color 0A4C77.



This preview shows how white text looks on a background with the Hex color 0A4C77.

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
0A4C77

Protanopia
384773

Deuteranopia
2A4978

Trichromacy



Original Color
0A4C77

Protanomaly
274974

Deuteranomaly
1E4A78

Tritanomaly
044F62

Monochromacy



Original Color
0A4C77

Achromatopsia
3D3D3D

Achromatomaly
2A4252

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4C77 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 #0A4C77 looks like.

```
.text, #text, p{  
    color:#0A4C77  
}
```

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 #0A4C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4C77
}
```

Border

The CSS property to change the border of an element to Hex 0A4C77 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
#0A4C77 }
```

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

```
.border{ border-color:#0A4C77 }
```

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

Here you see how a box with a 4 pixel #0A4C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4C77; -webkit-box-shadow:4px 4px  
4px 4px #0A4C77; box-shadow:4px 4px 4px  
4px #0A4C77 }
```

Background

The CSS property to change the background color of an element to Hex 0A4C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4C77 }
```

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

```
.background{ background-color:#0A4C77 }
```

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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