

# Converting Colors

Hex(0A4C8E)

Have a look what the booklet for  
Hex(0A4C8E) contains.

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# Color

**Hex(0A4C8E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A4C8E
RGB	10, 76, 142
RGB Percent	4%, 30%, 56%
CMY	0.9608, 0.7020, 0.4431
CMYK	0.93, 0.46, 0.00, 0.44
HSL	210°, 87%, 30%
HSV	210°, 93%, 56%
XYZ	7.5921, 7.1864, 26.5782
YIQ	63.7900, -60.5220, 6.5340

# Conversions

## Conversions Part 2

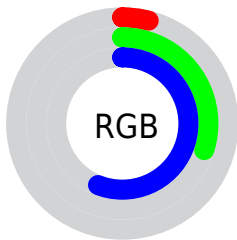
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 54, 142
Decimal	674958
CIE Lab	32.23, 7.46, -41.84
CIE LCh	32, 42.501, 280.104
Yxy	7.1864, 0.1836, 0.1738
Android (android.graphics.Color)	4278865038 (0xFF0A4C8E)
YUV	63.7900, 38.5575, -47.1738
Hunter-Lab	26.8075, 3.6396, -40.0176

# Details

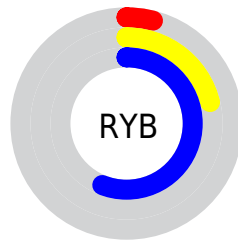
The Hex color **0A4C8E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8E4C0A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **547CC4**, and **00215B** is the 20% darker color. If you saturate the color by 10%, you get **00478E**, and if you desaturate by 10%, it is **18538E**.

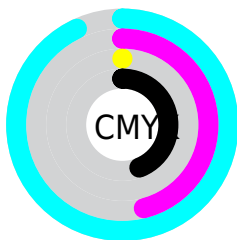
# Distribution



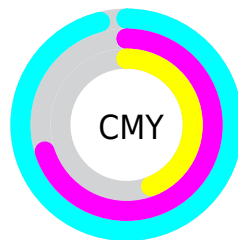
- Red (4%)
- Green (30%)
- Blue (56%)



- Red (4%)
- Yellow (21%)
- Blue (56%)



- Cyan (93%)
- Magenta (46%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (70%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A4C8E 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 0A4C8E by changing the saturation by 10% instead.



■ 0A4C8E

■ 0A4C8E

FFFFFF

■ 003674

■ 547CC4

■ 00215B

■ 7096E0

■ 000943

■ 8DB1FD

■ 00032C

■ A9CCFF

■ 000116

■ C6E8FF

■ 000000

■ E4FFFF

■ 0A4C8E

■ 0A4C8E

■ 00478E

■ 18538E

■ 265A8E

■ 35618E

■ 43688E

■ 51708E

■ 5F778E

■ 6D7E8E

■ 7C858E

■ 8A8C8E

# Harmonies

## Analogous

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



00568B



0A4C8E



5B3E7F

# Triad

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



0A4C8E



813322



005A34

# Complementary

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



0A4C8E



8E4C0A

# 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.



2C5613



0A4C8E



6E4205

# Square

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



0A4C8E



872942



514E00



005B57

# Rectangle

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



0A4C8E



74336E



514E00



005928



# Sweetspot

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



0A4C8E



849EB8



0A8E4C



3D4C5C



DBDBDB



5C5C5C



# Same Dimension

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



0A4C8E



005CB8



0A0A8E



404447



004487



000408



# Inverse Universe

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



8E0A4C



B8005C



8E8E0A



474044



870044



080004



# Previews

## White Background



This preview shows how the Hex color 0A4C8E looks on a white background.

### Color Contrast Check

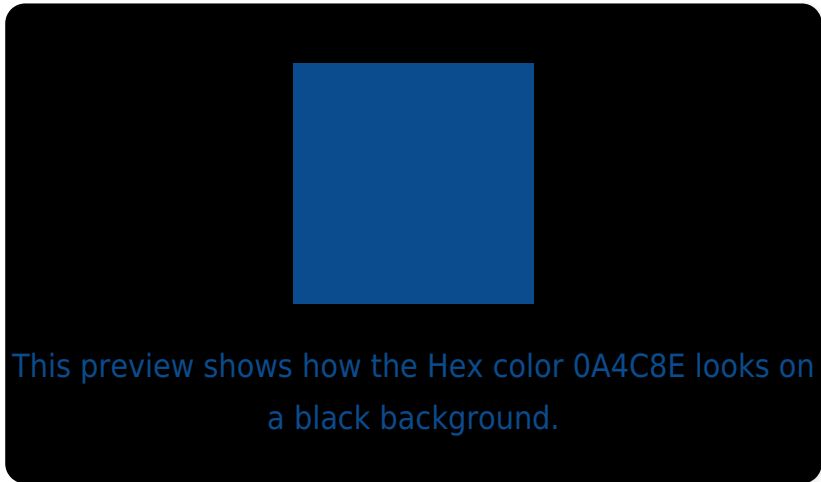
Large Text (above 18pt) WCAG AA ✓ Pass

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

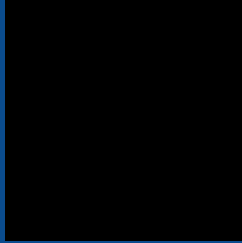
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0A4C8E Background



This preview shows how black text looks on a background with the Hex color 0A4C8E.



This preview shows how white text looks on a background with the Hex color 0A4C8E.

# 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 0A4C8E 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 #0A4C8E looks like.

```
.text, #text, p{  
    color:#0A4C8E  
}
```

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 #0A4C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4C8E
}
```

## Border

The CSS property to change the border of an element to Hex 0A4C8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

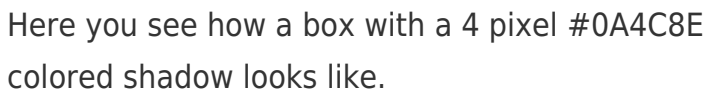
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A4C8E }
```

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

```
.border{ border-color:#0A4C8E }
```

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



Here you see how a box with a 4 pixel #0A4C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4C8E; -webkit-box-shadow:4px 4px  
4px 4px #0A4C8E; box-shadow:4px 4px 4px  
4px #0A4C8E }
```

# Background

The CSS property to change the background color of an element to Hex 0A4C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4C8E }
```

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

```
.background{ background-color:#0A4C8E }
```

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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