

# Converting Colors

Hex(0C6C9A)

Have a look what the booklet for  
Hex(0C6C9A) contains.

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# Color

**Hex(0C6C9A)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 0C6C9A                     |
| RGB         | 12, 108, 154               |
| RGB Percent | 5%, 42%, 60%               |
| CMY         | 0.9529, 0.5765, 0.3961     |
| CMYK        | 0.92, 0.30, 0.00, 0.40     |
| HSL         | 199°, 86%, 33%             |
| HSV         | 199°, 92%, 60%             |
| XYZ         | 11.3469, 13.1364, 32.5094  |
| YIQ         | 84.5400, -71.9820, -6.0460 |

# Conversions

## Conversions Part 2

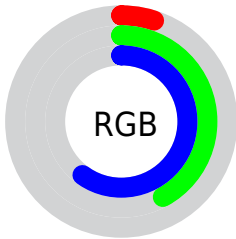
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 12, 69, 154                   |
| Decimal                             | 814234                        |
| CIELab                              | 42.97, -7.98, -32.00          |
| CIELCh                              | 43, 32.983, 256.007           |
| Yxy                                 | 13.1364, 0.1991,<br>0.2305    |
| Android<br>(android.graphics.Color) | 4279004314<br>(0xFF0C6C9A)    |
| YUV                                 | 84.5400, 34.2438,<br>-63.6176 |
| Hunter-Lab                          | 36.2441, -7.5444,<br>-27.8096 |

# Details

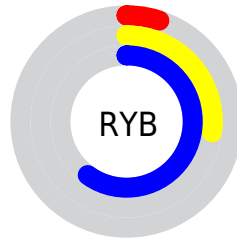
The Hex color **0C6C9A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9A3A0C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **589FD1**, and **003D67** is the 20% darker color. If you saturate the color by 10%, you get **00689A**, and if you desaturate by 10%, it is **1B719A**.

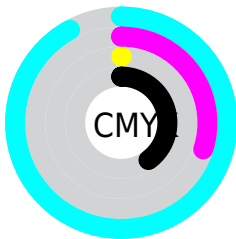
# Distribution



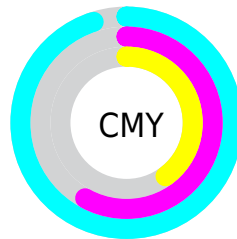
- Red (5%)
- Green (42%)
- Blue (60%)



- Red (5%)
- Yellow (27%)
- Blue (60%)



- Cyan (92%)
- Magenta (30%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (58%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C6C9A 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 0C6C9A by changing the saturation by 10% instead.



 0C6C9A

 0C6C9A

FFFFFF

 005480

 589FD1

 003D67

 75BAED

 00274E

 92D6FF

 001337

 AFF2FF

 000221

 CCFFFF

 000006

 EAFFFF

 000000

 0C6C9A

 0C6C9A

 00689A

 1B719A

■ 2B769A

■ 3A7B9A

■ 4A809A

■ 59859A

■ 688A9A

■ 788F9A

■ 87949A

■ 97999A

# Harmonies

## Analogous

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



00718C



0C6C9A



53639A

# Triad

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



0C6C9A



994F58



496F3E

# Complementary

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



0C6C9A



9A3A0C

# 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.



68692F



0C6C9A



93563F

# Square

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



0C6C9A



925073



815F30



1D7357

# Rectangle

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



0C6C9A



6F5C92



815F30



546D38



# Sweetspot

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



0C6C9A



91B7C9



0C9A39



435B66



E6E6E6



666666



# Same Dimension

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



0C6C9A



0088C9



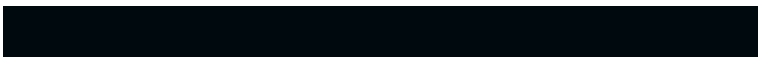
0C269A



454A4D



005F8C



00090D



# Inverse Universe

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



9A0C6C



C90088



9A800C



4D454A



8C005F



0D0009



# Previews

## White Background



This preview shows how the Hex color 0C6C9A looks on a white background.

## Color Contrast Check

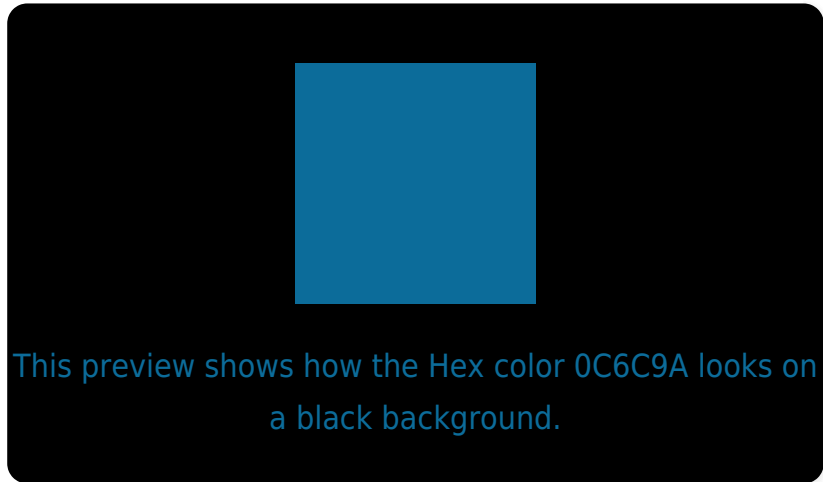
Large Text (above 18pt) WCAG AA ✓ Pass

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

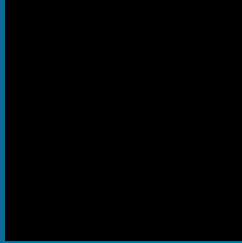
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C6C9A Background



This preview shows how black text looks on a background with the Hex color 0C6C9A.

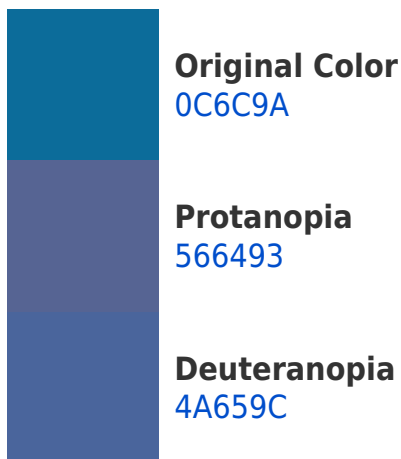


This preview shows how white text looks on a background with the Hex color 0C6C9A.

# 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](#).

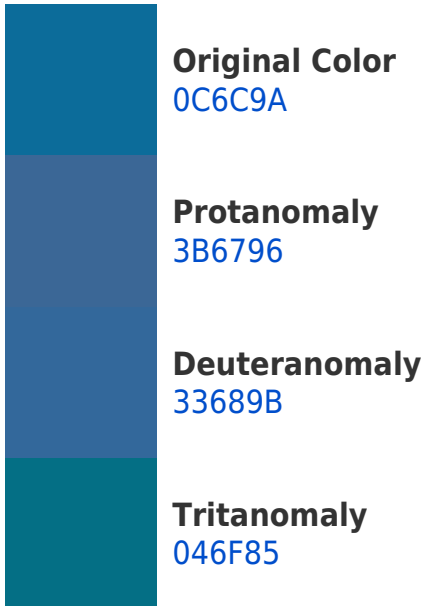
## Dichromacy





**Tritanopia**  
007079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C6C9A 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 #0C6C9A looks like.

```
.text, #text, p{  
    color:#0C6C9A  
}
```

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 #0C6C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6C9A
}
```

## Border

The CSS property to change the border of an element to Hex 0C6C9A 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
#0C6C9A }
```

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

```
.border{ border-color:#0C6C9A }
```

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

Here you see how a box with a 4 pixel #0C6C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6C9A; -webkit-box-shadow:4px 4px  
4px 4px #0C6C9A; box-shadow:4px 4px 4px  
4px #0C6C9A }
```

# Background

The CSS property to change the background color of an element to Hex 0C6C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6C9A }
```

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

```
.background{ background-color:#0C6C9A }
```

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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