

# Converting Colors

Hex(0970A3)

Have a look what the booklet for  
Hex(0970A3) contains.

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# Color

Hex(0970A3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0970A3
RGB	9, 112, 163
RGB Percent	4%, 44%, 64%
CMY	0.9647, 0.5608, 0.3608
CMYK	0.94, 0.31, 0.00, 0.36
HSL	200°, 90%, 34%
HSV	200°, 94%, 64%
XYZ	12.5177, 14.2908, 36.7490
YIQ	87.0170, -77.7590, -5.9750

# Conversions

## Conversions Part 2

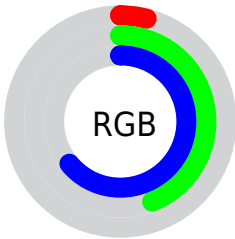
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 71, 163
Decimal	618659
CIELab	44.65, -7.02, -34.68
CIELCh	45, 35.388, 258.557
Yxy	14.2908, 0.1970, 0.2248
Android (android.graphics.Color)	4278808739 (0xFF0970A3)
YUV	87.0170, 37.4596, -68.4209
Hunter-Lab	37.8031, -7.0491, -31.1745

# Details

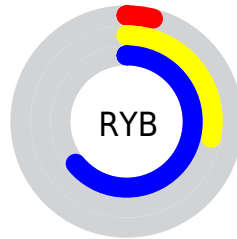
The Hex color **0970A3** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A33C09**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5AA4DA**, and **00416F** is the 20% darker color. If you saturate the color by 10%, you get **006DA3**, and if you desaturate by 10%, it is **1975A3**.

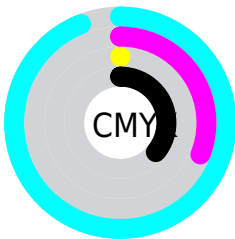
# Distribution



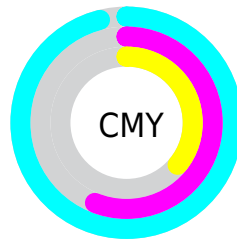
- Red (4%)
- Green (44%)
- Blue (64%)



- Red (4%)
- Yellow (28%)
- Blue (64%)



- Cyan (94%)
- Magenta (31%)
- Yellow (0%)
- Black (36%)



- Cyan (96%)
- Magenta (56%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0970A3 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 0970A3 by changing the saturation by 10% instead.



■ 0970A3

■ 0970A3

FFFFFF

■ 005889

■ 5AA4DA

■ 00416F

■ 77BFF7

■ 002B56

■ 95DAFF

■ 00173F

■ B2F7FF

■ 000328

■ CFFFFF

■ 000112

■ EDFFFF

■ 000000

■ 0970A3

■ 0970A3

■ 006DA3

■ 1975A3

■ 2A7BA3

■ 3A80A3

■ 4A86A3

■ 5A8BA3

■ 6B90A3

■ 7B96A3

■ 8B9BA3

■ 9CA1A3

# Harmonies

## Analogous

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



007695



0970A3



5A66A1

# Triad

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



0970A3



A15258



477441

# Complementary

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



0970A3



A33C09

# 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.



696E30



0970A3



99593F

# Square

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



0970A3



9B5276



85642F



0E785D

# Rectangle

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



0970A3



775F98



85642F



53723A



# Sweetspot

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



0970A3



98C0D4



09A33A



475F6B



EBEBEB



6B6B6B



# Same Dimension

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



0970A3



008ED4



0925A3



494F52



006191



000C12



# Inverse Universe

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



A30970



D4008E



A38709



52494F



910061



12000C



# Previews

## White Background



This preview shows how the Hex color 0970A3 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



This preview shows how the Hex color 0970A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

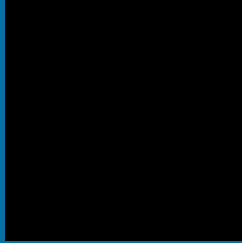
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0970A3 Background



This preview shows how black text looks on a background with the Hex color 0970A3.

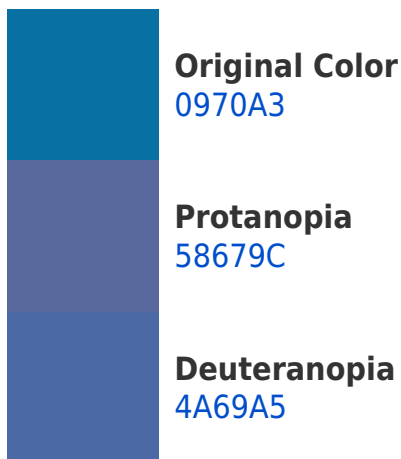


This preview shows how white text looks on a background with the Hex color 0970A3.

# 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**  
00757E

# Trichromacy



**Original Color**  
0970A3

**Protanomaly**  
3B6A9F

**Deuteranomaly**  
326CA4

**Tritanomaly**  
03738B

# Monochromacy



**Original Color**  
0970A3

**Achromatopsia**  
575757

**Achromatomaly**  
3B6073

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0970A3 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 #0970A3 looks like.

```
.text, #text, p{  
    color:#0970A3  
}
```

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 #0970A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0970A3
}
```

## Border

The CSS property to change the border of an element to Hex 0970A3 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
#0970A3 }
```

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

```
.border{ border-color:#0970A3 }
```

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

Here you see how a box with a 4 pixel #0970A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0970A3; -webkit-box-shadow:4px 4px  
4px 4px #0970A3; box-shadow:4px 4px 4px  
4px #0970A3 }
```

# Background

The CSS property to change the background color of an element to Hex 0970A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0970A3 }
```

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

```
.background{ background-color:#0970A3 }
```

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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