

# Converting Colors

Hex(0A75A6)

Have a look what the booklet for  
Hex(0A75A6) contains.

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# Color

**Hex(0A75A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A75A6
RGB	10, 117, 166
RGB Percent	4%, 46%, 65%
CMY	0.9608, 0.5412, 0.3490
CMYK	0.94, 0.30, 0.00, 0.35
HSL	199°, 89%, 35%
HSV	199°, 94%, 65%
XYZ	13.3694, 15.5403, 38.3713
YIQ	90.5930, -79.5010, -7.4450

# Conversions

## Conversions Part 2

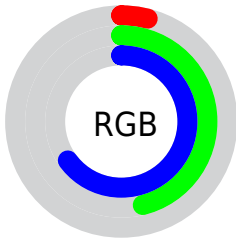
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 73, 166
Decimal	685478
CIE <sub>Lab</sub>	46.37, -8.78, -33.74
CIE <sub>LCh</sub>	46, 34.867, 255.408
Yxy	15.5403, 0.1987, 0.2310
Android (android.graphics.Color)	4278875558 (0xFF0A75A6)
<b>YUV</b>	90.5930, 37.1757, -70.6801
Hunter-Lab	39.4212, -8.4501, -30.1162

# Details

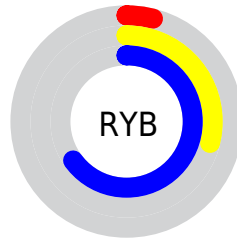
The Hex color **0A75A6** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A63B0A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5BA9DD**, and **004572** is the 20% darker color. If you saturate the color by 10%, you get **0072A6**, and if you desaturate by 10%, it is **1B7AA6**.

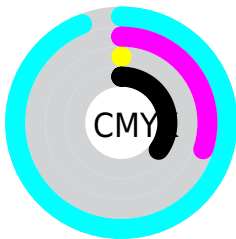
# Distribution



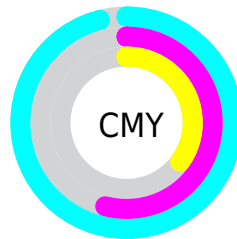
- Red (4%)
- Green (46%)
- Blue (65%)



- Red (4%)
- Yellow (29%)
- Blue (65%)



- Cyan (94%)
- Magenta (30%)
- Yellow (0%)
- Black (35%)



- Cyan (96%)
- Magenta (54%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A75A6 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 0A75A6 by changing the saturation by 10% instead.



0A75A6

0A75A6

FFFFFF

005C8B

5BA9DD

004572

79C4FA

002F59

96E0FF

001B41

B4FDFF

00032B

D1FFFF

000115

EFFFFFF

000000

0A75A6

0A75A6

0072A6

1B7AA6

■ 2B7FA6

■ 3C85A6

■ 4C8AA6

■ 5D8FA6

■ 6E94A6

■ 7E99A6

■ 8F9FA6

■ 9FA4A6

# Harmonies

## Analogous

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



007B97



0A75A6



596CA6

# Triad

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



0A75A6



A55660



507843

# Complementary

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



0A75A6



A63B0A

# 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.



717134



0A75A6



9F5D45

# Square

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



0A75A6



9D577D



8C6735



227C5E

# Rectangle

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



0A75A6



77649E



8C6735



5C763D



# Sweetspot

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



0A75A6



9CC6D9



0AA639



48626E



EDEDED



6E6E6E



# Same Dimension

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



0A75A6



0095D9



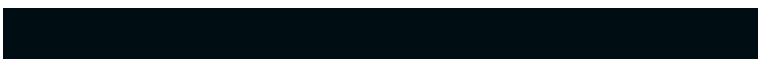
0A29A6



4C5254



006594



000E14



# Inverse Universe

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



A60A75



D90095



A6870A



544C52



940065



14000E



# Previews

## White Background



This preview shows how the Hex color 0A75A6 looks on a white background.

## Color Contrast Check

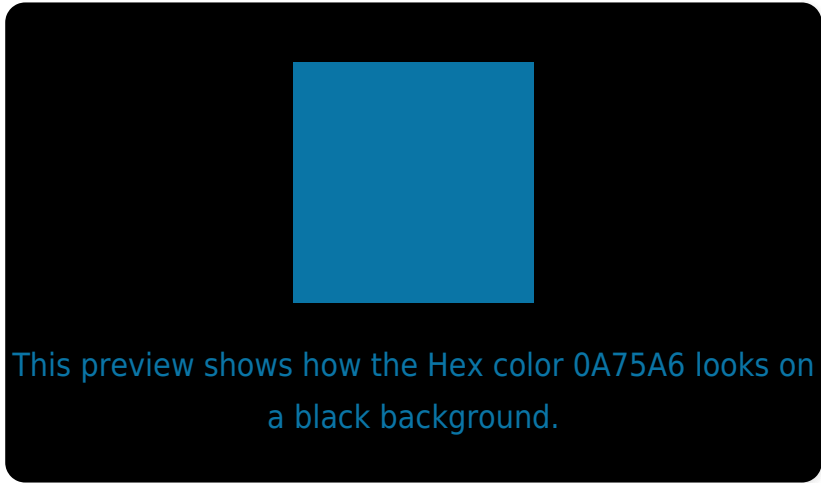
Large Text (above 18pt) WCAG AA ✓ Pass

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

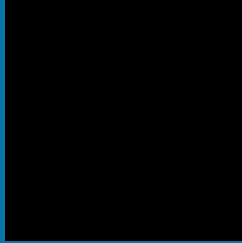
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A75A6 Background



This preview shows how black text looks on a background with the Hex color 0A75A6.

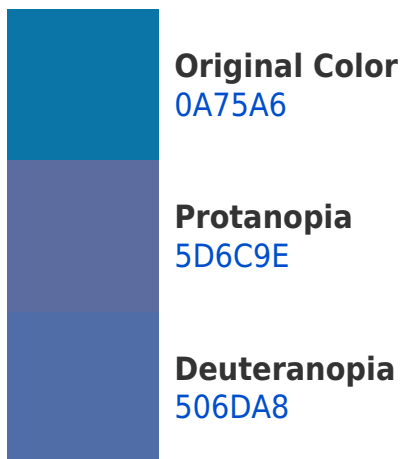


This preview shows how white text looks on a background with the Hex color 0A75A6.

# 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**  
007A83

# Trichromacy



**Original Color**  
0A75A6

**Protanomaly**  
3F6FA1

**Deuteranomaly**  
3770A7

**Tritanomaly**  
047890

# Monochromacy



**Original Color**  
0A75A6

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
3E6476

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A75A6 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 #0A75A6 looks like.

```
.text, #text, p{  
    color:#0A75A6  
}
```

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 #0A75A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A75A6
}
```

## Border

The CSS property to change the border of an element to Hex 0A75A6 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
#0A75A6 }
```

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

```
.border{ border-color:#0A75A6 }
```

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

Here you see how a box with a 4 pixel #0A75A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A75A6; -webkit-box-shadow:4px 4px  
4px 4px #0A75A6; box-shadow:4px 4px 4px  
4px #0A75A6 }
```

# Background

The CSS property to change the background color of an element to Hex 0A75A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A75A6 }
```

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

```
.background{ background-color:#0A75A6 }
```

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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