

Converting Colors

Hex(0A6B89)

Have a look what the booklet for
Hex(0A6B89) contains.

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Color

Hex(0A6B89)

Conversions

Conversions Part 1

Format	Color
Hex	0A6B89
RGB	10, 107, 137
RGB Percent	4%, 42%, 54%
CMY	0.9608, 0.5804, 0.4627
CMYK	0.93, 0.22, 0.00, 0.46
HSL	194°, 86%, 29%
HSV	194°, 93%, 54%
XYZ	9.8982, 12.3861, 25.5360
YIQ	81.4170, -67.4420, -11.2340

Conversions

Conversions Part 2

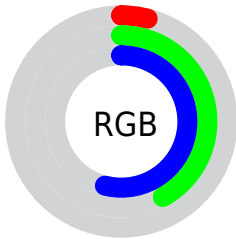
Format	Color
RYB	10, 65, 137
Decimal	682889
CIELab	41.82, -14.00, -23.64
CIELCh	42, 27.476, 239.369
Yxy	12.3861, 0.2070, 0.2590
Android (android.graphics.Color)	4278872969 (0xFF0A6B89)
YUV	81.4170, 27.4024, -62.6327
Hunter-Lab	35.1938, -11.3863, -18.3840

Details

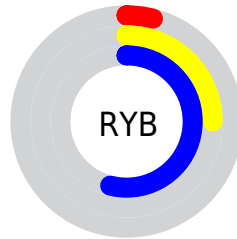
The Hex color **0A6B89** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **89280A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **539EBF**, and **003C57** is the 20% darker color. If you saturate the color by 10%, you get **006989**, and if you desaturate by 10%, it is **186E89**.

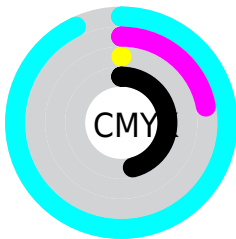
Distribution



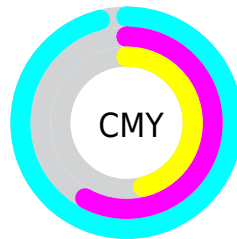
- Red (4%)
- Green (42%)
- Blue (54%)



- Red (4%)
- Yellow (25%)
- Blue (54%)



- Cyan (93%)
- Magenta (22%)
- Yellow (0%)
- Black (46%)



- Cyan (96%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A6B89 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 0A6B89 by changing the saturation by 10% instead.

0A6B89

0A6B89

FFFFFF

005370

539EBF

003C57

70B9DA

002640

8DD5F7

000F2A

A9F1FF

000114

C6FFFF

000000

E4FFFF

0A6B89

0A6B89

006989

186E89

■ 257189

■ 337589

■ 417889

■ 4E7B89

■ 5C7E89

■ 6A8289

■ 788589

■ 858889

Harmonies

Analogous

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



006E78



0A6B89



3F6590

Triad

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



0A6B89



8C5164



5A683A

Complementary

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



0A6B89



89280A

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.



726135



0A6B89



8E534E

Square

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



0A6B89



7F557A



84593C



3F6C4B

Rectangle

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



0A6B89



59608D



84593C



636637

Sweetspot

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



0A6B89



81A7B3



0A8928



3B5259



D9D9D9



595959

Same Dimension

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



0A6B89



0088B3



0A2C89



3E4345



006585



000405

Inverse Universe

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



890A6B



B30088



89670A



453E43



850065



050004

Previews

White Background



This preview shows how the Hex color 0A6B89 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 0A6B89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

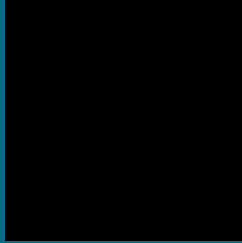
Any Text WCAG AA × Fail

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 0A6B89 Background



This preview shows how black text looks on a background with the Hex color 0A6B89.

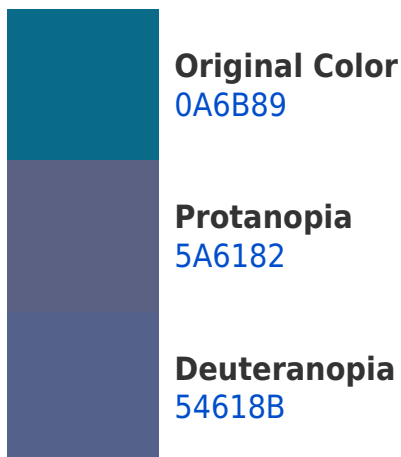


This preview shows how white text looks on a background with the Hex color 0A6B89.

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](#).

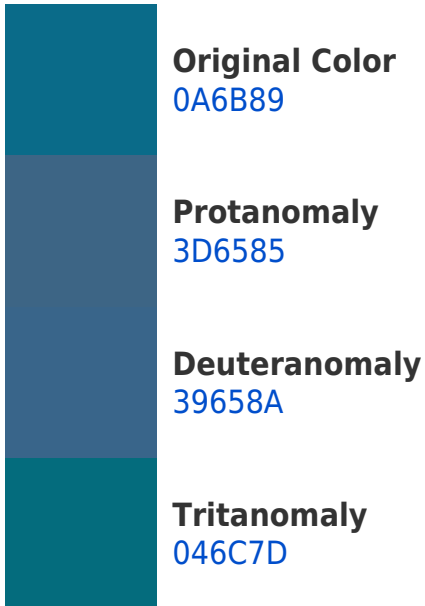
Dichromacy



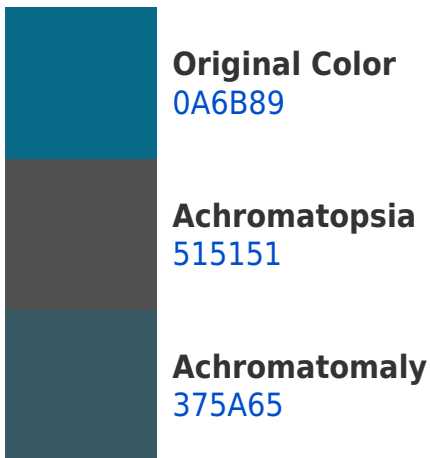


Tritanopia
006D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0A6B89 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 #0A6B89 looks like.

```
.text, #text, p{  
    color:#0A6B89  
}
```

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 #0A6B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6B89
}
```

Border

The CSS property to change the border of an element to Hex 0A6B89 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
#0A6B89 }
```

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

```
.border{ border-color:#0A6B89 }
```

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

Here you see how a box with a 4 pixel #0A6B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6B89; -webkit-box-shadow:4px 4px  
4px 4px #0A6B89; box-shadow:4px 4px 4px  
4px #0A6B89 }
```

Background

The CSS property to change the background color of an element to Hex 0A6B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6B89 }
```

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

```
.background{ background-color:#0A6B89 }
```

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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