

Converting Colors

Hex(0A6F68)

Have a look what the booklet for
Hex(0A6F68) contains.

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Color

Hex(0A6F68)

Conversions

Conversions Part 1

Format	Color
Hex	0A6F68
RGB	10, 111, 104
RGB Percent	4%, 44%, 41%
CMY	0.9608, 0.5647, 0.5922
CMYK	0.91, 0.00, 0.06, 0.56
HSL	176°, 83%, 24%
HSV	176°, 91%, 44%
XYZ	8.3083, 12.4329, 15.0586
YIQ	80.0030, -57.9490, -23.5890

Conversions

Conversions Part 2

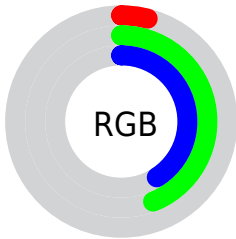
Format	Color
RYB	10, 62, 111
Decimal	683880
CIELab	41.90, -27.65, -3.61
CIELCh	42, 27.884, 187.433
Yxy	12.4329, 0.2321, 0.3473
Android (android.graphics.Color)	4278873960 (0xFF0A6F68)
YUV	80.0030, 11.8305, -61.3926
Hunter-Lab	35.2603, -19.6460, -0.6387

Details

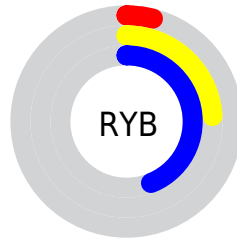
The Hex color **0A6F68** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F0A11**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4FA39B**, and **003E39** is the 20% darker color. If you saturate the color by 10%, you get **006F67**, and if you desaturate by 10%, it is **156F69**.

Distribution



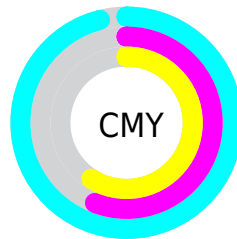
- Red (4%)
- Green (44%)
- Blue (41%)



- Red (4%)
- Yellow (24%)
- Blue (44%)



- Cyan (91%)
- Magenta (0%)
- Yellow (6%)
- Black (56%)



- Cyan (96%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A6F68 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 0A6F68 by changing the saturation by 10% instead.



0A6F68



0A6F68

FFFFFF



005650



4FA39B



003E39



6ABFB6



002824



86DAD1



000D0F



A2F7EE



000000



BFFFFFF



DCFFFF



F9FFFF



0A6F68



0A6F68

■ 006F67

■ 156F69

■ 206F6A

■ 2B6F6A

■ 366F6B

■ 426F6C

■ 4D6F6D

■ 586F6D

■ 636F6E

■ 6E6F6F

Harmonies

Analogous

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



366E50



0A6F68



006E7E

Triad

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



0A6F68



6D5B87



805B39

Complementary

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



0A6F68



6F0A11

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.



8D5448



0A6F68



845375

Square

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



0A6F68



4A6390



8F515E



6C6335

Rectangle

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



0A6F68



006C89



8F515E



85593D

Sweetspot

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



0A6F68



6A918F



126F0A



324A48



C9C9C9



4A4A4A

Same Dimension

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



0A6F68



009187



0A456F



323838



007870



00F7E6

Inverse Universe

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



6F0A11



91000A



6F340A



383233



780008



F70011

Previews

White Background



This preview shows how the Hex color 0A6F68 looks on a white background.

Color Contrast Check

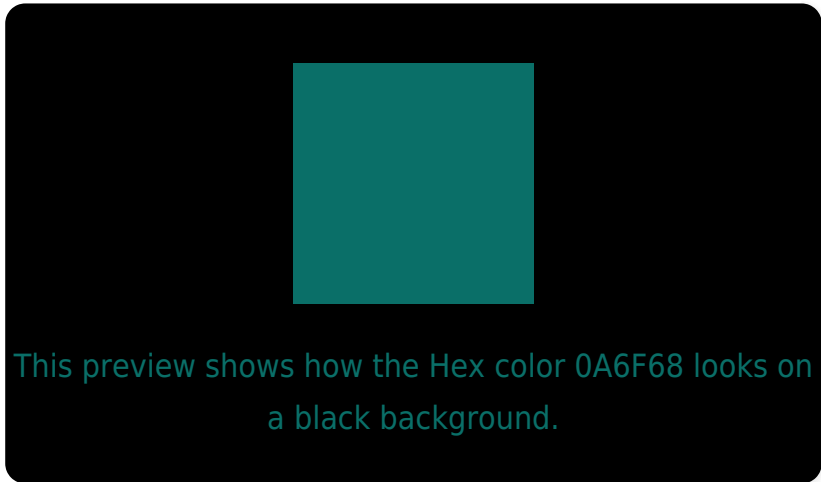
Large Text (above 18pt) WCAG AA ✓ Pass

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

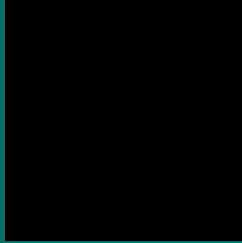
Any Text WCAG AA × Fail

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 0A6F68 Background



This preview shows how black text looks on a background with the Hex color 0A6F68.

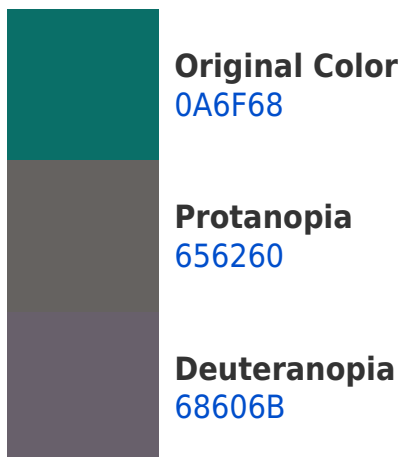


This preview shows how white text looks on a background with the Hex color 0A6F68.

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
1B6D76

Trichromacy



Original Color
0A6F68

Protanomaly
446763

Deuteranomaly
46656A

Tritanomaly
156E71

Monochromacy



Original Color
0A6F68

Achromatopsia
505050

Achromatomaly
375B59

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A6F68 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 #0A6F68 looks like.

```
.text, #text, p{  
    color:#0A6F68  
}
```

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 #0A6F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6F68  
}
```

Border

The CSS property to change the border of an element to Hex 0A6F68 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  
#0A6F68 }
```

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

```
.border{ border-color:#0A6F68 }
```

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

Here you see how a box with a 4 pixel #0A6F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6F68; -webkit-box-shadow:4px 4px  
4px 4px #0A6F68; box-shadow:4px 4px 4px  
4px #0A6F68 }
```

Background

The CSS property to change the background color of an element to Hex 0A6F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6F68 }
```

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

```
.background{ background-color:#0A6F68 }
```

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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