

Converting Colors

Hex(0A6766)

Have a look what the booklet for
Hex(0A6766) contains.

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Color

Hex(0A6766)

Conversions

Conversions Part 1	
Format	Color
Hex	0A6766
RGB	10, 103, 102
RGB Percent	4%, 40%, 40%
CMY	0.9608, 0.5961, 0.6000
CMYK	0.90, 0.00, 0.01, 0.60
HSL	179°, 82%, 22%
HSV	179°, 90%, 40%
XYZ	7.3737, 10.7243, 14.2517
YIQ	75.0790, -55.1070, -20.0270

Conversions

Conversions Part 2

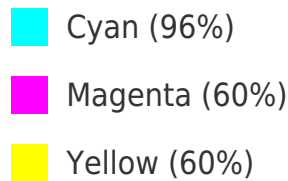
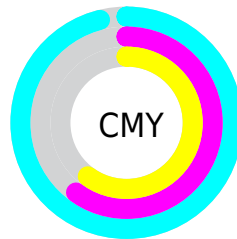
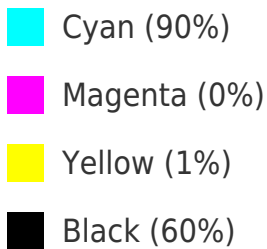
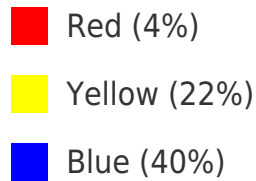
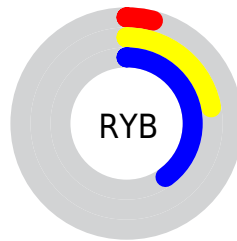
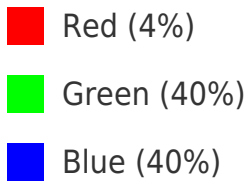
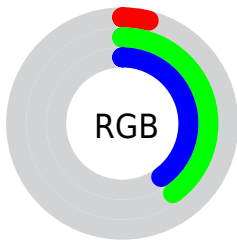
Format	Color
RYB	10, 57, 103
Decimal	681830
CIELab	39.11, -24.30, -6.53
CIELCh	39, 25.165, 195.029
Yxy	10.7243, 0.2279, 0.3315
Android (android.graphics.Color)	4278871910 (0xFF0A6766)
YUV	75.0790, 13.2721, -57.0743
Hunter-Lab	32.7480, -17.1172, -2.8790

Details

The Hex color **0A6766** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **670A0B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4D9B99**, and **003737** is the 20% darker color. If you saturate the color by 10%, you get **006766**, and if you desaturate by 10%, it is **146766**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 0A6766 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 0A6766 by changing the saturation by 10% instead.

 0A6766

 0A6766

FFFFFF

 004F4E

 4D9B99

 003737

 68B6B4

 002222

 84D1CF

 00000C

 A0EEEE

 000000

 BCFFFF

 D9FFFF

 F6FFFF

 0A6766

 0A6766

 006766

 146766

 1F6766

 296766

 336766

 3D6767

 486767

 526767

 5C6767

 676767

Harmonies

Analogous

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



2E6651



0A6766



006578

Triad

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



0A6766



6B5379



725735

Complementary

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



0A6766



670A0B

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.



805040



0A6766



7D4D67

Square

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



0A6766



4F5B83



844C52



5F5E34

Rectangle

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



0A6766



1D6381



844C52



785537

Sweetspot

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



0A6766



638787



0C670A



2F4545



C4C4C4



454545

Same Dimension

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



0A6766



008786



0A3A67



2E3333



007372



00F2F0

Inverse Universe

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



670A0B



870001



67370A



332E2E



730001



F20003

Previews

White Background



This preview shows how the Hex color 0A6766 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 0A6766 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 0A6766 Background



This preview shows how black text looks on a background with the Hex color 0A6766.



This preview shows how white text looks on a background with the Hex color 0A6766.

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



Original Color

0A6766

Protanopia

5D5B5F

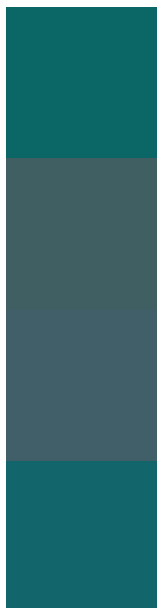
Deuteranopia

5F5A69



Tritanopia
16666E

Trichromacy



Original Color

0A6766

Protanomaly

3F5F62

Deuteranomaly

405F68

Tritanomaly

12666B

Monochromacy



Original Color

0A6766

Achromatopsia

4B4B4B

Achromatomaly

335555

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A6766 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 #0A6766 looks like.

```
.text, #text, p{  
    color:#0A6766  
}
```

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 #0A6766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6766
}
```

Border

The CSS property to change the border of an element to Hex 0A6766 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
#0A6766 }
```

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

```
.border{ border-color:#0A6766 }
```

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

Here you see how a box with a 4 pixel #0A6766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6766; -webkit-box-shadow:4px 4px  
4px 4px #0A6766; box-shadow:4px 4px 4px  
4px #0A6766 }
```

Background

The CSS property to change the background color of an element to Hex 0A6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6766 }
```

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

```
.background{ background-color:#0A6766 }
```

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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