

Converting Colors

Hex(0D4A6F)

Have a look what the booklet for
Hex(0D4A6F) contains.

| | |
|--|----|
| Hex(0D4A6F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(0D4A6F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0D4A6F |
| RGB | 13, 74, 111 |
| RGB Percent | 5%, 29%, 44% |
| CMY | 0.9490, 0.7098, 0.5647 |
| CMYK | 0.88, 0.33, 0.00, 0.56 |
| HSL | 203°, 79%, 24% |
| HSV | 203°, 88%, 44% |
| XYZ | 5.4840, 6.1308, 15.9333 |
| YIQ | 59.9790, -48.2330, -1.4250 |

Conversions

Conversions Part 2

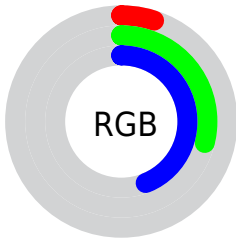
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 13, 51, 111 |
| Decimal | 871023 |
| CIELab | 29.74, -3.95, -26.53 |
| CIElCh | 30, 26.823, 261.534 |
| Yxy | 6.1308, 0.1991, 0.2225 |
| Android (android.graphics.Color) | 4279061103 (0xFF0D4A6F) |
| YUV | 59.9790, 25.1534, -41.2006 |
| Hunter-Lab | 24.7605, -3.7963, -20.8205 |

Details

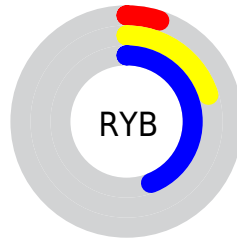
The Hex color **0D4A6F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6F320D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4C7AA3**, and **001F3F** is the 20% darker color. If you saturate the color by 10%, you get **02466F**, and if you desaturate by 10%, it is **184E6F**.

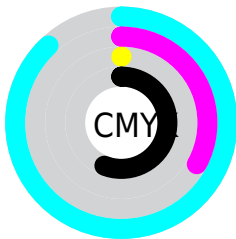
Distribution



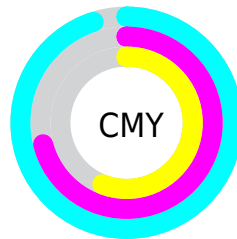
- Red (5%)
- Green (29%)
- Blue (44%)



- Red (5%)
- Yellow (20%)
- Blue (44%)



- Cyan (88%)
- Magenta (33%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4A6F 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 0D4A6F by changing the saturation by 10% instead.

0D4A6F

0D4A6F

FFFFFF

003456

4C7AA3

001F3F

6794BE

000329

82AFDA

000113

9ECA7

000000

BAE6FF

D7FFFF

F4FFFF

0D4A6F

0D4A6F

■ 02466F

■ 184E6F

■ 00456F

■ 23526F

■ 2E576F

■ 395B6F

■ 455F6F

■ 50636F

■ 5B676F

■ 666C6F

■ 71706F

Harmonies

Analogous

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



004F66



0D4A6F



3E436D

Triad

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



0D4A6F



6D3538



2B4E2B

Complementary

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



0D4A6F



6F320D

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.



44491E



0D4A6F



663B26

Square

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



0D4A6F



6A354D



57431C



00503F

Rectangle

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



0D4A6F



523D65



57431C



344D26

Sweetspot

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



0D4A6F



6C8391



0D6F31



33414A



C9C9C9



4A4A4A

Same Dimension

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



0D4A6F



005A91



0D1A6F



323638



004B78



009AF7

Inverse Universe

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



6F0D4A



91005A



6F620D



383236



78004B



F7009A

Previews

White Background



This preview shows how the Hex color 0D4A6F looks on a white background.

Color Contrast Check

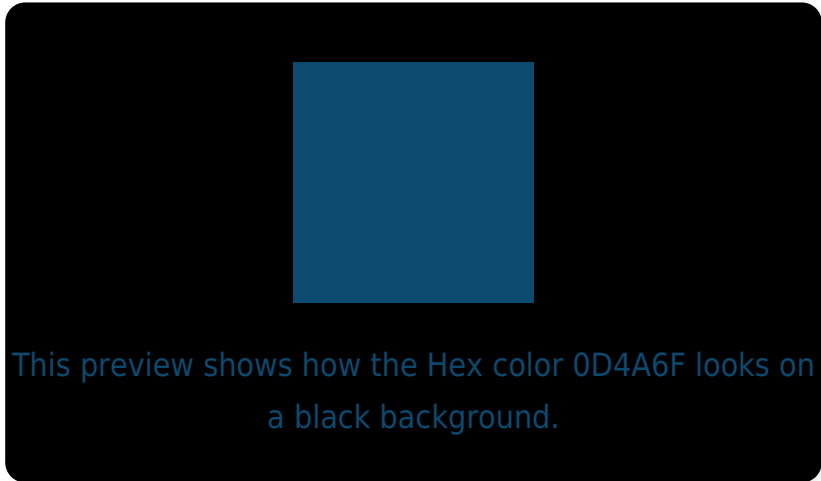
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

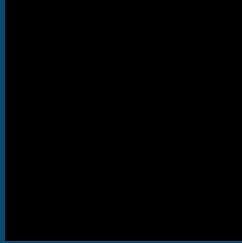
Any Text WCAG AA × Fail

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 0D4A6F Background



This preview shows how black text looks on a background with the Hex color 0D4A6F.



This preview shows how white text looks on a background with the Hex color 0D4A6F.

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
0D4A6F

Protanopia
39456B

Deuteranopia
2E4670



Tritanopia
004E54

Trichromacy



Original Color
0D4A6F

Protanomaly
29476C

Deuteranomaly
224770

Tritanomaly
054D5E

Monochromacy



Original Color
0D4A6F

Achromatopsia
3C3C3C

Achromatomaly
2B414F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4A6F 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 #0D4A6F looks like.

```
.text, #text, p{  
    color:#0D4A6F  
}
```

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 #0D4A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4A6F
}
```

Border

The CSS property to change the border of an element to Hex 0D4A6F 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
#0D4A6F }
```

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

```
.border{ border-color:#0D4A6F }
```

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

Here you see how a box with a 4 pixel #0D4A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4A6F; -webkit-box-shadow:4px 4px  
4px 4px #0D4A6F; box-shadow:4px 4px 4px  
4px #0D4A6F }
```

Background

The CSS property to change the background color of an element to Hex 0D4A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4A6F }
```

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

```
.background{ background-color:#0D4A6F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor