

Converting Colors

Hex(0D4A74)

Have a look what the booklet for
Hex(0D4A74) contains.

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Color

Hex(0D4A74)

Conversions

Conversions Part 1

Format	Color
Hex	0D4A74
RGB	13, 74, 116
RGB Percent	5%, 29%, 45%
CMY	0.9490, 0.7098, 0.5451
CMYK	0.89, 0.36, 0.00, 0.55
HSL	204°, 80%, 25%
HSV	204°, 89%, 45%
XYZ	5.7671, 6.2441, 17.4243
YIQ	60.5490, -49.8380, 0.1300

Conversions

Conversions Part 2

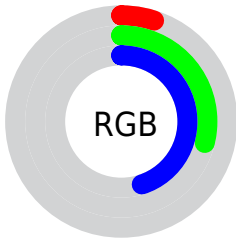
Format	Color
R_{YB}	13, 51, 116
Decimal	871028
CIE _{Lab}	30.02, -1.89, -29.24
CIE _{LCh}	30, 29.299, 266.310
Yxy	6.2441, 0.1959, 0.2121
Android (android.graphics.Color)	4279061108 (0xFF0D4A74)
YUV	60.5490, 27.3373, -41.7005
Hunter-Lab	24.9882, -2.5323, -23.8513

Details

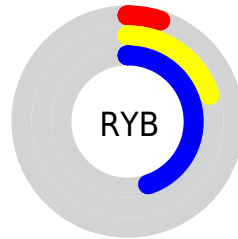
The Hex color **0D4A74** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **74370D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4D7AA8**, and **001F43** is the 20% darker color. If you saturate the color by 10%, you get **014574**, and if you desaturate by 10%, it is **194F74**.

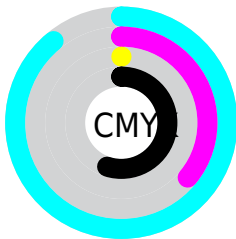
Distribution



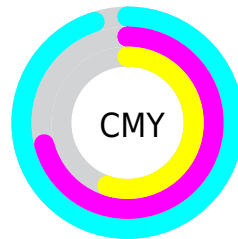
- Red (5%)
- Green (29%)
- Blue (45%)



- Red (5%)
- Yellow (20%)
- Blue (45%)



- Cyan (89%)
- Magenta (36%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4A74 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 0D4A74 by changing the saturation by 10% instead.

0D4A74

0D4A74

FFFFFF

00345B

4D7AA8

001F43

6894C4

00042D

84AFE0

000118

A0CAFC

000000

BCE6FF

D9FFFF

F6FFFF

0D4A74

0D4A74

■ 014574

■ 194F74

■ 004574

■ 245374

■ 305874

■ 3B5D74

■ 476274

■ 536674

■ 5E6B74

■ 6A7074

■ 757574

Harmonies

Analogous

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



004F6C



0D4A74



434270

Triad

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



0D4A74



703534



23502C

Complementary

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



0D4A74



74370D

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.



404B1C



0D4A74



673C21

Square

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



0D4A74



6F334A



564517



005243

Rectangle

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



0D4A74



583C66



564517



2E4F26

Sweetspot

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



0D4A74



6E8696



0D7436



34434D



CCCCCC



4D4D4D

Same Dimension

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



0D4A74



005996



0D1774



35383B



00487A



0094FA

Inverse Universe

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



740D4A



960059



746A0D



3B3538



7A0048



FA0094

Previews

White Background



This preview shows how the Hex color 0D4A74 looks on a white background.

Color Contrast Check

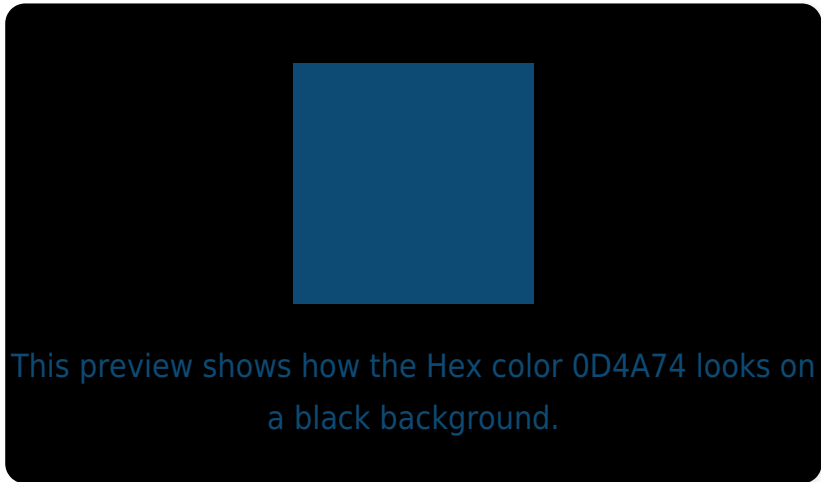
Large Text (above 18pt) WCAG AA ✓ Pass

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

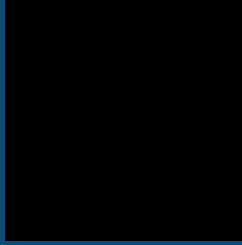
Any Text WCAG AA × Fail

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 0D4A74 Background



This preview shows how black text looks on a background with the Hex color 0D4A74.



This preview shows how white text looks on a background with the Hex color 0D4A74.

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
0D4A74

Protanopia
374570

Deuteranopia
294775

Trichromacy



Original Color
0D4A74

Protanomaly
284771

Deuteranomaly
1F4875

Monochromacy



Original Color
0D4A74

Achromatopsia
3D3D3D

Achromatomaly
2C4251

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4A74 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 #0D4A74 looks like.

```
.text, #text, p{  
    color:#0D4A74  
}
```

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 #0D4A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4A74
}
```

Border

The CSS property to change the border of an element to Hex 0D4A74 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
#0D4A74 }
```

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

```
.border{ border-color:#0D4A74 }
```

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

Here you see how a box with a 4 pixel #0D4A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4A74; -webkit-box-shadow:4px 4px  
4px 4px #0D4A74; box-shadow:4px 4px 4px  
4px #0D4A74 }
```

Background

The CSS property to change the background color of an element to Hex 0D4A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4A74 }
```

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

```
.background{ background-color:#0D4A74 }
```

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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