

Converting Colors

Hex(0D4776)

Have a look what the booklet for
Hex(0D4776) contains.

Hex(0D4776)	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(0D4776)

Conversions

Conversions Part 1

Format	Color
Hex	0D4776
RGB	13, 71, 118
RGB Percent	5%, 28%, 46%
CMY	0.9490, 0.7216, 0.5373
CMYK	0.89, 0.40, 0.00, 0.54
HSL	207°, 80%, 26%
HSV	207°, 89%, 46%
XYZ	5.6892, 5.9000, 17.9785
YIQ	59.0160, -49.6550, 2.3210

Conversions

Conversions Part 2

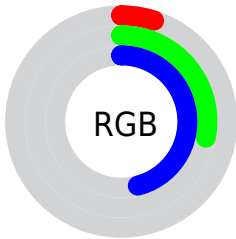
Format	Color
R_{YB}	13, 50, 118
Decimal	870262
CIE _{Lab}	29.16, 0.94, -31.86
CIE _{LCh}	29, 31.876, 271.685
Yxy	5.9000, 0.1924, 0.1995
Android (android.graphics.Color)	4279060342 (0xFF0D4776)
YUV	59.0160, 29.0791, -40.3560
Hunter-Lab	24.2900, -0.6991, -26.8811

Details

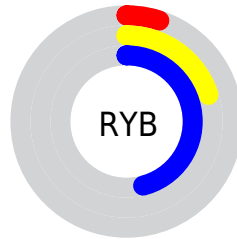
The Hex color **0D4776** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **763C0D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4E77AB**, and **001C45** is the 20% darker color. If you saturate the color by 10%, you get **014276**, and if you desaturate by 10%, it is **194C76**.

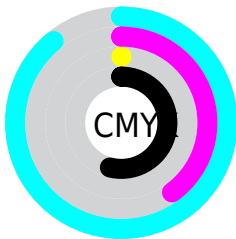
Distribution



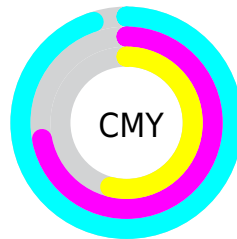
- Red (5%)
- Green (28%)
- Blue (46%)



- Red (5%)
- Yellow (20%)
- Blue (46%)



- Cyan (89%)
- Magenta (40%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (72%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4776 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 0D4776 by changing the saturation by 10% instead.

■ 0D4776

■ 0D4776

FFFFFF

■ 00315D

■ 4E77AB

■ 001C45

■ 6991C6

■ 00042F

■ 84ABE2

■ 000119

■ A0C6FF

■ 000000

■ BDE2FF

■ D9FFFF

■ F7FFFF

■ 0D4776

■ 0D4776

■ 014276

■ 194C76

■ 004176

■ 255276

■ 305776

■ 3C5C76

■ 486176

■ 546776

■ 606C76

■ 6B7176

■ 777776

Harmonies

Analogous

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



004D70



0D4776



473E6F

Triad

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



0D4776



70322C



134F2C

Complementary

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



0D4776



763C0D

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.



384B18



0D4776



643B19

Square

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



0D4776



712E44



514410



005145

Rectangle

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



0D4776



5C3764



514410



224E25

Sweetspot

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



0D4776



708799



0D763B



34424D



CCCCCC



4D4D4D

Same Dimension

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



0D4776



005599



0D1476



35383B



00447A



008AFA

Inverse Universe

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



760D47



990055



766F0D



3B3538



7A0044



FA008A

Previews

White Background



This preview shows how the Hex color 0D4776 looks on a white background.

Color Contrast Check

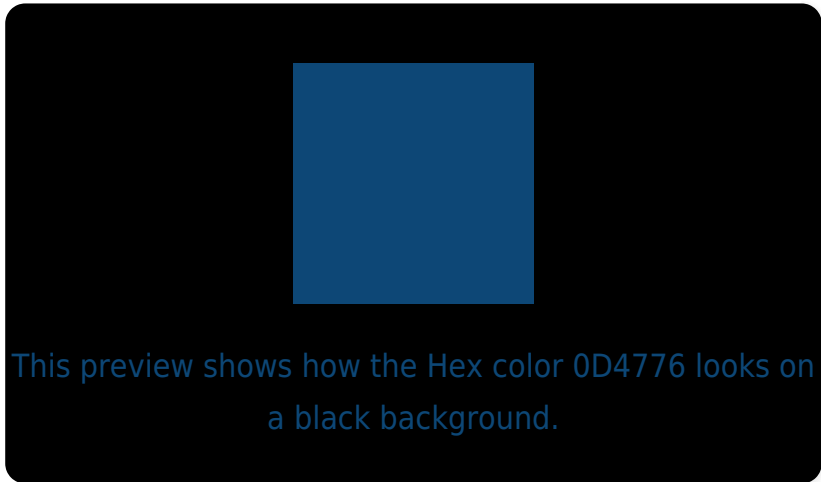
Large Text (above 18pt) WCAG AA ✓ Pass

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

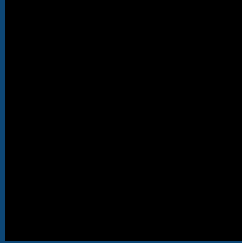
Any Text WCAG AA × Fail

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 0D4776 Background



This preview shows how black text looks on a background with the Hex color 0D4776.



This preview shows how white text looks on a background with the Hex color 0D4776.

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
0D4776

Protanopia
314372

Deuteranopia
1F4676

Trichromacy



Original Color
0D4776

Protanomaly
244473

Deuteranomaly
184676

Tritanomaly
054A5F

Monochromacy



Original Color
0D4776

Achromatopsia
3B3B3B

Achromatomaly
2A3F50

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4776 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 #0D4776 looks like.

```
.text, #text, p{  
    color:#0D4776  
}
```

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 #0D4776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4776
}
```

Border

The CSS property to change the border of an element to Hex 0D4776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

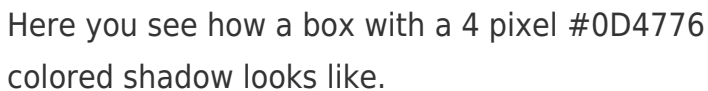
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D4776 }
```

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

```
.border{ border-color:#0D4776 }
```

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



Here you see how a box with a 4 pixel #0D4776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4776; -webkit-box-shadow:4px 4px  
4px 4px #0D4776; box-shadow:4px 4px 4px  
4px #0D4776 }
```

Background

The CSS property to change the background color of an element to Hex 0D4776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4776 }
```

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

```
.background{ background-color:#0D4776 }
```

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