

Converting Colors

Hex(0D4680)

Have a look what the booklet for
Hex(0D4680) contains.

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Color

Hex(0D4680)

Conversions

Conversions Part 1

Format	Color
Hex	0D4680
RGB	13, 70, 128
RGB Percent	5%, 27%, 50%
CMY	0.9490, 0.7255, 0.4980
CMYK	0.90, 0.45, 0.00, 0.50
HSL	210°, 82%, 28%
HSV	210°, 90%, 50%
XYZ	6.2524, 6.0244, 21.2554
YIQ	59.5690, -52.5900, 5.9540

Conversions

Conversions Part 2

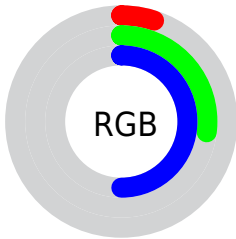
Format	Color
R_{YB}	13, 51, 128
Decimal	870016
CIE _{Lab}	29.47, 5.83, -37.62
CIE _{LCh}	29, 38.066, 278.812
Yxy	6.0244, 0.1865, 0.1797
Android (android.graphics.Color)	4279060096 (0xFF0D4680)
YUV	59.5690, 33.7365, -40.8410
Hunter-Lab	24.5446, 2.5174, -34.1632

Details

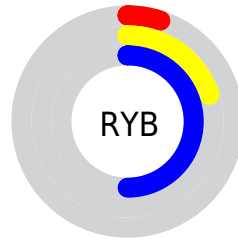
The Hex color **0D4680** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **80470D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5076B5**, and **001C4E** is the 20% darker color. If you saturate the color by 10%, you get **004080**, and if you desaturate by 10%, it is **1A4C80**.

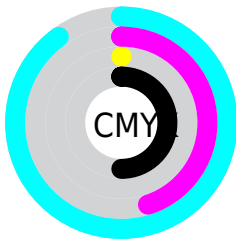
Distribution



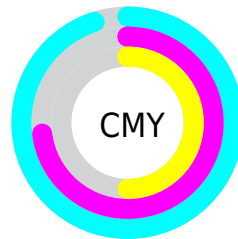
- Red (5%)
- Green (27%)
- Blue (50%)



- Red (5%)
- Yellow (20%)
- Blue (50%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (50%)



- Cyan (95%)
- Magenta (73%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4680 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 0D4680 by changing the saturation by 10% instead.

0D4680

0D4680

FFFFFF

003067

5076B5

001C4E

6C8FD1

000237

88AAEE

000221

A4C5FF

000005

C1E1FF

000000

DEFDFF

FBFFFF

0D4680

0D4680

■ 004080

■ 1A4C80

■ 003F80

■ 275380

■ 335980

■ 406080

■ 4D6680

■ 5A6D80

■ 677380

■ 737A80

■ 808080

Harmonies

Analogous

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



004E7C



0D4680



523A74

Triad

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



0D4680



763022



00522F

Complementary

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



0D4680



80470D

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.



2C4E13



0D4680



653C0A

Square

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



0D4680



7A283E



4C4701



00534E

Rectangle

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



0D4680



683164



4C4701



045125

Sweetspot

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



0D4680



798FA6



0D8047



394754



D4D4D4



545454

Same Dimension

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



0D4680



0052A6



0D0D80



393D40



003F80



000000

Inverse Universe

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



800D46



A60052



80800D



40393D



80003F



000000

Previews

White Background



This preview shows how the Hex color 0D4680 looks on a white background.

Color Contrast Check

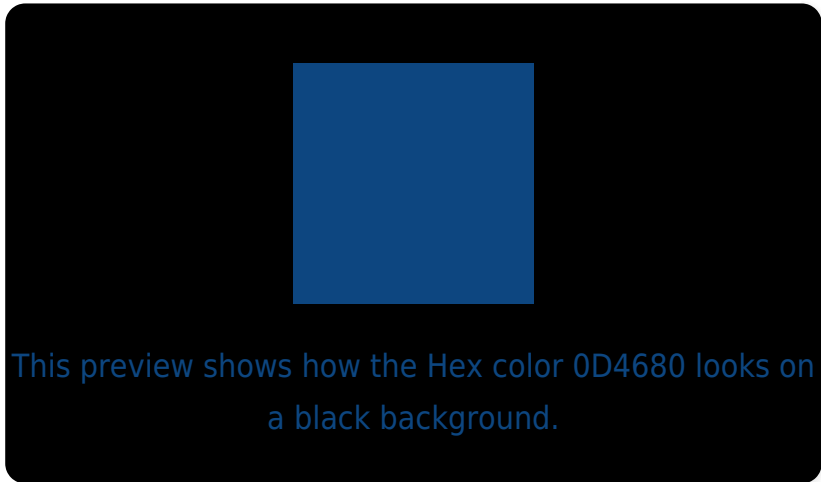
Large Text (above 18pt) WCAG AA ✓ Pass

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

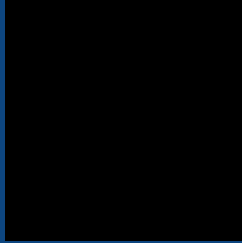
Any Text WCAG AA × Fail

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 0D4680 Background



This preview shows how black text looks on a background with the Hex color 0D4680.



This preview shows how white text looks on a background with the Hex color 0D4680.

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
0D4680

Protanopia
29447E

Deuteranopia
00477D

Trichromacy



Original Color
0D4680

Protanomaly
1F457F

Deuteranomaly
05477E

Tritanomaly
054A63

Monochromacy



Original Color
0D4680

Achromatopsia
3C3C3C

Achromatomaly
2B4055

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4680 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 #0D4680 looks like.

```
.text, #text, p{  
    color:#0D4680  
}
```

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 #0D4680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4680
}
```

Border

The CSS property to change the border of an element to Hex 0D4680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

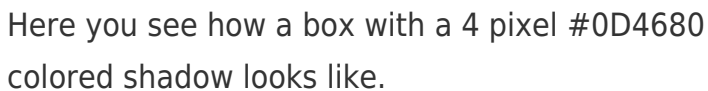
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D4680 }
```

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

```
.border{ border-color:#0D4680 }
```

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



Here you see how a box with a 4 pixel #0D4680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4680; -webkit-box-shadow:4px 4px  
4px 4px #0D4680; box-shadow:4px 4px 4px  
4px #0D4680 }
```

Background

The CSS property to change the background color of an element to Hex 0D4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4680 }
```

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

```
.background{ background-color:#0D4680 }
```

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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