

Converting Colors

Hex(0C4C82)

Have a look what the booklet for
Hex(0C4C82) contains.

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Color

Hex(0C4C82)

Conversions

Conversions Part 1

Format	Color
Hex	0C4C82
RGB	12, 76, 130
RGB Percent	5%, 30%, 51%
CMY	0.9529, 0.7020, 0.4902
CMYK	0.91, 0.42, 0.00, 0.49
HSL	207°, 83%, 28%
HSV	207°, 91%, 51%
XYZ	6.7653, 6.8588, 22.0864
YIQ	63.0200, -55.4780, 3.2260

Conversions

Conversions Part 2

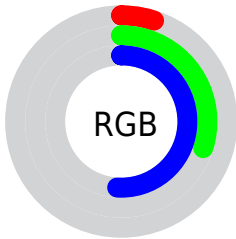
Format	Color
R_{YB}	12, 53, 130
Decimal	806018
CIE _{Lab}	31.48, 2.55, -35.65
CIE _{LCh}	31, 35.736, 274.085
Yxy	6.8588, 0.1894, 0.1921
Android (android.graphics.Color)	4278996098 (0xFF0C4C82)
YUV	63.0200, 33.0211, -44.7445
Hunter-Lab	26.1892, 0.2799, -31.6691

Details

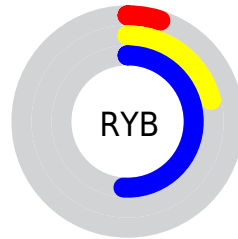
The Hex color **0C4C82** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **82420C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **517CB7**, and **002150** is the 20% darker color. If you saturate the color by 10%, you get **004782**, and if you desaturate by 10%, it is **195282**.

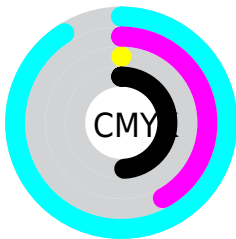
Distribution



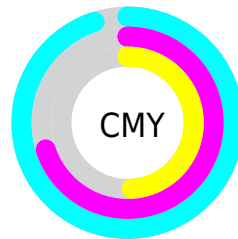
- Red (5%)
- Green (30%)
- Blue (51%)



- Red (5%)
- Yellow (21%)
- Blue (51%)



- Cyan (91%)
- Magenta (42%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (70%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C4C82 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 0C4C82 by changing the saturation by 10% instead.



0C4C82



0C4C82

FFFFFF



003669



517CB7



002150



6D96D3



000839



89B1F0



000223



A5CCFF



000009



C1E8FF



000000



DEFFFF



FCFFFF



0C4C82



0C4C82

■ 004782

■ 195282

■ 265882

■ 335E82

■ 406482

■ 4D6A82

■ 5A7082

■ 677682

■ 747C82

■ 818282

Harmonies

Analogous

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



00537C



0C4C82



504179

Triad

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



0C4C82



7A352C



055630

Complementary

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



0C4C82



82420C

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.



385118



0C4C82



6C4016

Square

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



0C4C82



7C3047



554A0C



00584D

Rectangle

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



0C4C82



67396B



554A0C



1E5528

Sweetspot

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



0C4C82



7B94A8



0C8241



394854



D4D4D4



545454

Same Dimension

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



0C4C82



005BA8



0C1282



393D40



004580



000000

Inverse Universe

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



820C4C



A8005B



827C0C



40393D



800045



000000

Previews

White Background



This preview shows how the Hex color 0C4C82 looks on a white background.

Color Contrast Check

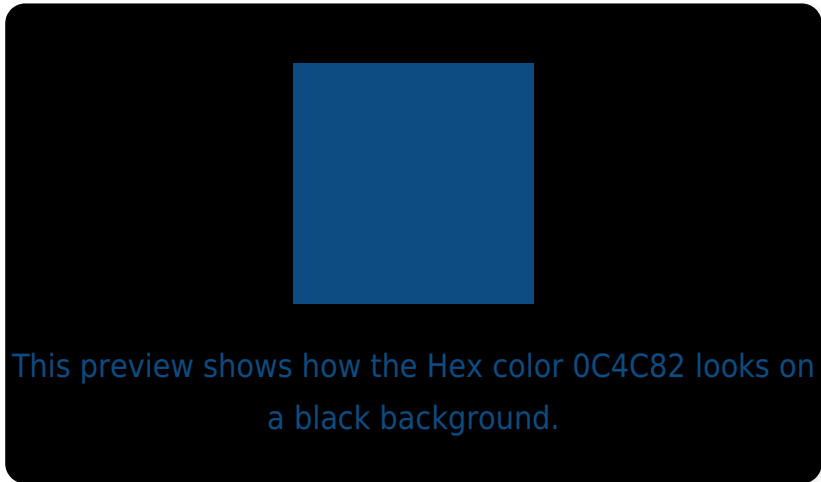
Large Text (above 18pt) WCAG AA ✓ Pass

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

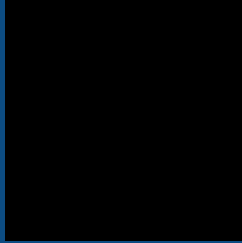
Any Text WCAG AA × Fail

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 0C4C82 Background



This preview shows how black text looks on a background with the Hex color 0C4C82.



This preview shows how white text looks on a background with the Hex color 0C4C82.

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



Trichromacy



Original Color
0C4C82

Protanomaly
25497F

Deuteranomaly
154B82

Tritanomaly
045067

Monochromacy



Original Color
0C4C82

Achromatopsia
3F3F3F

Achromatomaly
2C4457

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C4C82 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 #0C4C82 looks like.

```
.text, #text, p{  
    color:#0C4C82  
}
```

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 #0C4C82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C4C82
}
```

Border

The CSS property to change the border of an element to Hex 0C4C82 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
#0C4C82 }
```

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

```
.border{ border-color:#0C4C82 }
```

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

Here you see how a box with a 4 pixel #0C4C82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C4C82; -webkit-box-shadow:4px 4px  
4px 4px #0C4C82; box-shadow:4px 4px 4px  
4px #0C4C82 }
```

Background

The CSS property to change the background color of an element to Hex 0C4C82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C4C82 }
```

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

```
.background{ background-color:#0C4C82 }
```

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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