

# Converting Colors

Hex(0D4C8A)

Have a look what the booklet for  
Hex(0D4C8A) contains.

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# Color

**Hex(0D4C8A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D4C8A
RGB	13, 76, 138
RGB Percent	5%, 30%, 54%
CMY	0.9490, 0.7020, 0.4588
CMYK	0.91, 0.45, 0.00, 0.46
HSL	210°, 83%, 30%
HSV	210°, 91%, 54%
XYZ	7.3379, 7.0894, 25.0264
YIQ	64.2310, -57.4500, 5.9260

# Conversions

## Conversions Part 2

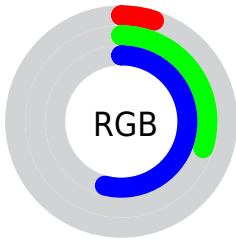
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 55, 138
Decimal	871562
CIE <sub>Lab</sub>	32.01, 5.96, -39.74
CIE <sub>LCh</sub>	32, 40.181, 278.536
Yxy	7.0894, 0.1860, 0.1797
Android (android.graphics.Color)	4279061642 (0xFF0D4C8A)
YUV	64.2310, 36.3681, -44.9296
Hunter-Lab	26.6260, 2.5974, -37.0899

# Details

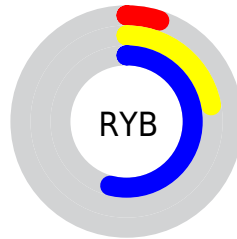
The Hex color **0D4C8A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8A4B0D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **537CC0**, and **002157** is the 20% darker color. If you saturate the color by 10%, you get **00468A**, and if you desaturate by 10%, it is **1B538A**.

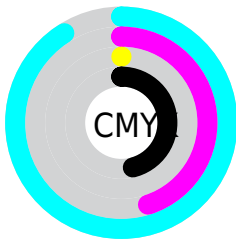
# Distribution



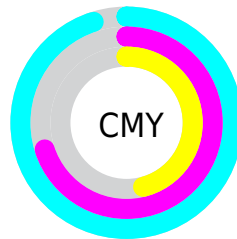
- Red (5%)
- Green (30%)
- Blue (54%)



- Red (5%)
- Yellow (22%)
- Blue (54%)



- Cyan (91%)
- Magenta (45%)
- Yellow (0%)
- Black (46%)



- Cyan (95%)
- Magenta (70%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D4C8A 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 0D4C8A by changing the saturation by 10% instead.



0D4C8A

0D4C8A

FFFFFF

003670

537CC0

002157

7096DC

000940

8CB1F9

000329

A8CCFF

000113

C5E8FF

000000

E2FFFF

0D4C8A

0D4C8A

00468A

1B538A

■ 295A8A

■ 36618A

■ 44678A

■ 526E8A

■ 60758A

■ 6E7C8A

■ 7B838A

■ 898A8A

# Harmonies

## Analogous

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



005586



0D4C8A



583F7D

# Triad

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



0D4C8A



7F3426



005933

# Complementary

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



0D4C8A



8A4B0D

# 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.



315415



0D4C8A



6D410C

# Square

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



0D4C8A



842C44



534D01



005A54

# Rectangle

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



0D4C8A



70356D



534D01



065728



# Sweetspot

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



0D4C8A



829BB3



0D8A49



3D4B59



D9D9D9



595959



# Same Dimension

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



0D4C8A



005AB3



0D0F8A



3E4145



004385



000305



# Inverse Universe

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



8A0D4C



B3005A



8A880D



453E41



850043



050003



# Previews

## White Background



This preview shows how the Hex color 0D4C8A looks on a white background.

## Color Contrast Check

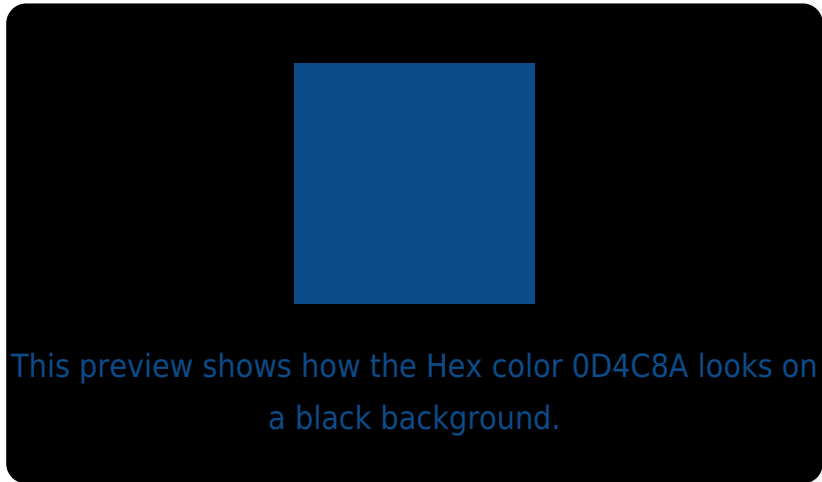
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D4C8A Background



This preview shows how black text looks on a background with the Hex color 0D4C8A.



This preview shows how white text looks on a background with the Hex color 0D4C8A.

# 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**  
0D4C8A

**Protanopia**  
2D4987

**Deuteranopia**  
004D88



# Trichromacy



**Original Color**  
0D4C8A

**Protanomaly**  
214A88

**Deuteranomaly**  
054D89

**Tritanomaly**  
05516B

# Monochromacy



**Original Color**  
0D4C8A

**Achromatopsia**  
404040

**Achromatomaly**  
2D445B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D4C8A 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 #0D4C8A looks like.

```
.text, #text, p{  
    color:#0D4C8A  
}
```

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 #0D4C8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4C8A
}
```

## Border

The CSS property to change the border of an element to Hex 0D4C8A 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
#0D4C8A }
```

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

```
.border{ border-color:#0D4C8A }
```

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

Here you see how a box with a 4 pixel #0D4C8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4C8A; -webkit-box-shadow:4px 4px  
4px 4px #0D4C8A; box-shadow:4px 4px 4px  
4px #0D4C8A }
```

# Background

The CSS property to change the background color of an element to Hex 0D4C8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4C8A }
```

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

```
.background{ background-color:#0D4C8A }
```

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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