

Converting Colors

Hex(0C2C8D)

Have a look what the booklet for
Hex(0C2C8D) contains.

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Color

Hex(0C2C8D)

Conversions

Conversions Part 1

Format	Color
Hex	0C2C8D
RGB	12, 44, 141
RGB Percent	5%, 17%, 55%
CMY	0.9529, 0.8275, 0.4471
CMYK	0.91, 0.69, 0.00, 0.45
HSL	225°, 84%, 30%
HSV	225°, 91%, 55%
XYZ	5.8600, 3.8026, 25.6244
YIQ	45.4900, -50.2090, 23.3830

Conversions

Conversions Part 2

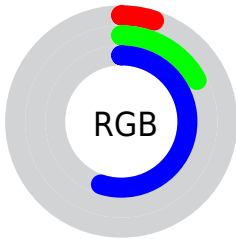
Format	Color
R_{YB}	12, 38, 141
Decimal	797837
CIE _{Lab}	23.01, 29.39, -56.22
CIE _{LCh}	23, 63.442, 297.596
Yxy	3.8026, 0.1661, 0.1078
Android (android.graphics.Color)	4278987917 (0xFF0C2C8D)
YUV	45.4900, 47.0864, -29.3707
Hunter-Lab	19.5003, 19.5154, -64.2600

Details

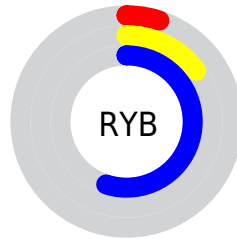
The Hex color **0C2C8D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8D6D0C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5659C4**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **00238D**, and if you desaturate by 10%, it is **1A378D**.

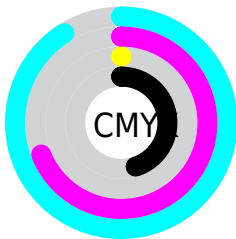
Distribution



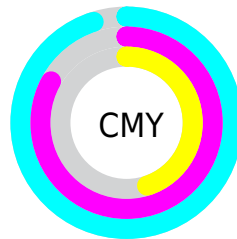
- Red (5%)
- Green (17%)
- Blue (55%)



- Red (5%)
- Yellow (15%)
- Blue (55%)



- Cyan (91%)
- Magenta (69%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (83%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2C8D 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 0C2C8D by changing the saturation by 10% instead.

■ 0C2C8D

■ 0C2C8D

FFFFFF

■ 001873

■ 5659C4

■ 00005A

■ 7372E0

■ 000741

■ 908BFD

■ 00032A

■ ADA6FF

■ 000114

■ CAC1FF

■ 000000

■ E7DDFF

■ FFF9FF

■ 0C2C8D

■ 0C2C8D

■ 00238D

■ 1A378D

■ 28418D

■ 364C8D

■ 44568D

■ 53618D

■ 616C8D

■ 6F768D

■ 7D818D

■ 8B8B8D

Harmonies

Analogous

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



004098



0C2C8D



68006B

Triad

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



0C2C8D



6A1A00



004832

Complementary

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



0C2C8D



8D6D0C

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.



004600



0C2C8D



483400

Square

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



0C2C8D



80000F



154000



004962

Rectangle

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



0C2C8D



7D004D



154000



004721

Sweetspot

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



0C2C8D



8692B8



0C8D6D



3E465C



DBDBDB



5C5C5C

Same Dimension

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



0C2C8D



002EB8



2C0C8D



404247



002287



000208

Inverse Universe

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



8D0C2C



B8002E



6D8D0C



474042



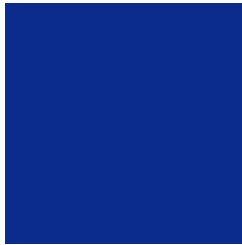
870022



080002

Previews

White Background



This preview shows how the Hex color 0C2C8D looks on a white background.

Color Contrast Check

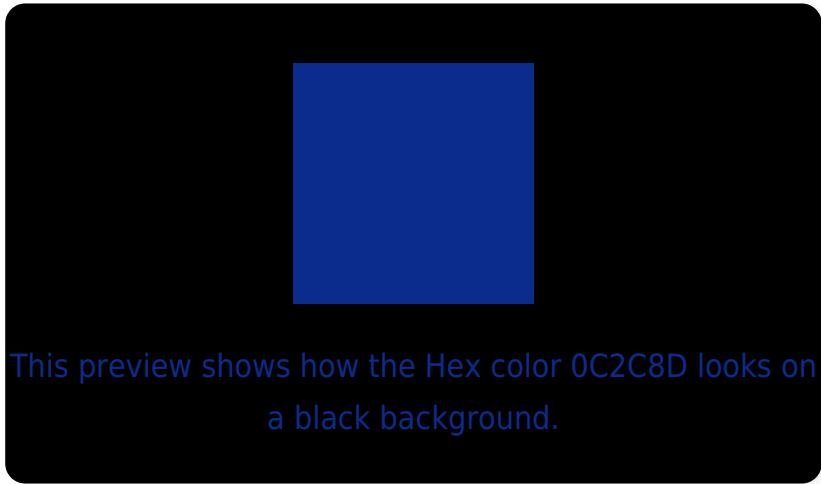
Large Text (above 18pt) WCAG AA ✓ Pass

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

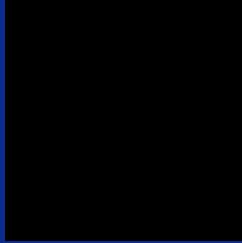
Any Text WCAG AA × Fail

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 0C2C8D Background



This preview shows how black text looks on a background with the Hex color 0C2C8D.



This preview shows how white text looks on a background with the Hex color 0C2C8D.

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
0C2C8D

Protanopia
003571

Deuteranopia
003960



Tritanopia
003E41

Trichromacy



Original Color

0C2C8D

Protanomaly

04327B

Deuteranomaly

043470

Tritanomaly

04375D

Monochromacy



Original Color

0C2C8D

Achromatopsia

2D2D2D

Achromatomaly

212D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2C8D 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 #0C2C8D looks like.

```
.text, #text, p{  
    color:#0C2C8D  
}
```

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 #0C2C8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2C8D
}
```

Border

The CSS property to change the border of an element to Hex 0C2C8D 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
#0C2C8D }
```

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

```
.border{ border-color:#0C2C8D }
```

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

Here you see how a box with a 4 pixel #0C2C8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2C8D; -webkit-box-shadow:4px 4px  
4px 4px #0C2C8D; box-shadow:4px 4px 4px  
4px #0C2C8D }
```

Background

The CSS property to change the background color of an element to Hex 0C2C8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2C8D }
```

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

```
.background{ background-color:#0C2C8D }
```

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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