

Converting Colors

Hex(0C2A8A)

Have a look what the booklet for
Hex(0C2A8A) contains.

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Color

Hex(0C2A8A)

Conversions

Conversions Part 1

Format	Color
Hex	0C2A8A
RGB	12, 42, 138
RGB Percent	5%, 16%, 54%
CMY	0.9529, 0.8353, 0.4588
CMYK	0.91, 0.70, 0.00, 0.46
HSL	226°, 84%, 29%
HSV	226°, 91%, 54%
XYZ	5.5670, 3.5691, 24.4402
YIQ	43.9740, -48.6960, 23.4960

Conversions

Conversions Part 2

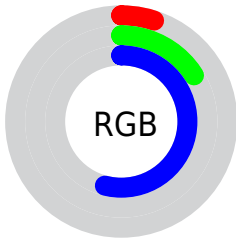
Format	Color
R_{YB}	12, 36, 138
Decimal	797322
CIE _{Lab}	22.19, 29.56, -55.70
CIE _{LCh}	22, 63.054, 297.952
Yxy	3.5691, 0.1658, 0.1063
Android (android.graphics.Color)	4278987402 (0xFF0C2A8A)
YUV	43.9740, 46.3548, -28.0412
Hunter-Lab	18.8920, 19.5388, -63.4781

Details

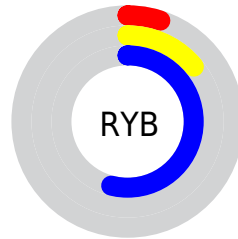
The Hex color **0C2A8A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8A6C0C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5557C0**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **00218A**, and if you desaturate by 10%, it is **1A358A**.

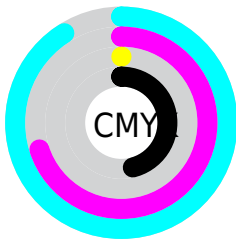
Distribution



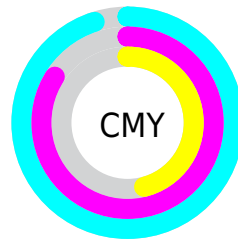
- Red (5%)
- Green (16%)
- Blue (54%)



- Red (5%)
- Yellow (14%)
- Blue (54%)



- Cyan (91%)
- Magenta (70%)
- Yellow (0%)
- Black (46%)



- Cyan (95%)
- Magenta (84%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2A8A 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 0C2A8A by changing the saturation by 10% instead.

■ 0C2A8A

■ 0C2A8A

FFFFFF

■ 001670

■ 5557C0

■ 000057

■ 7270DD

■ 00063F

■ 8F89FA

■ 000328

■ ACA3FF

■ 000111

■ C9BFFF

■ 000000

■ E6DAFF

■ FFF7FF

■ 0C2A8A

■ 0C2A8A

■ 00218A

■ 1A358A

■ 283F8A

■ 354A8A

■ 43548A

■ 515F8A

■ 5F698A

■ 6D748A

■ 7A7E8A

■ 88898A

Harmonies

Analogous

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



003E95



0C2A8A



660068

Triad

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



0C2A8A



671900



004631

Complementary

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



0C2A8A



8A6C0C

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.



004400



0C2A8A



453300

Square

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



0C2A8A



7D000C



123E00



004760

Rectangle

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



0C2A8A



7B004A



123E00



004520

Sweetspot

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



0C2A8A



828EB3



0C8A6A



3D4359



D9D9D9



595959

Same Dimension

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



0C2A8A



002BB3



2C0C8A



3E4045



002085



000105

Inverse Universe

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



8A0C2A



B3002B



6A8A0C



453E40



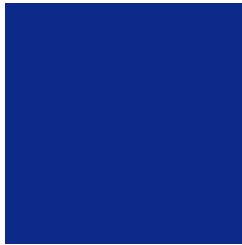
850020



050001

Previews

White Background



This preview shows how the Hex color 0C2A8A looks on a white background.

Color Contrast Check

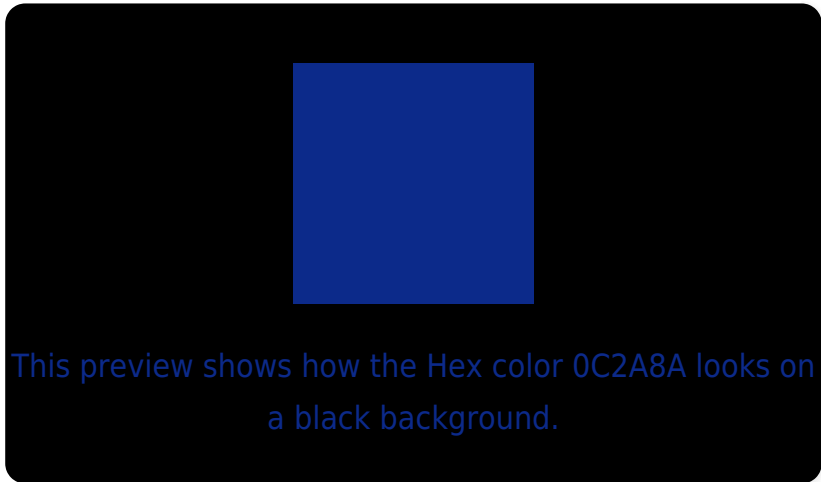
Large Text (above 18pt) WCAG AA ✓ Pass

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

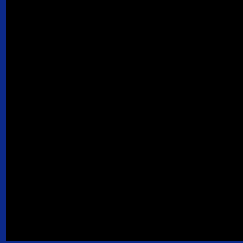
Any Text WCAG AA × Fail

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 0C2A8A Background



This preview shows how black text looks on a background with the Hex color 0C2A8A.



This preview shows how white text looks on a background with the Hex color 0C2A8A.

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
0C2A8A

Protanopia
00346D

Deuteranopia
00375D



Tritanopia
003C3F

Trichromacy



Original Color
0C2A8A

Protanomaly
043078

Deuteranomaly
04326D

Tritanomaly
04355A

Monochromacy



Original Color
0C2A8A

Achromatopsia
2C2C2C

Achromatomaly
202B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2A8A 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 #0C2A8A looks like.

```
.text, #text, p{  
    color:#0C2A8A  
}
```

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 #0C2A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2A8A
}
```

Border

The CSS property to change the border of an element to Hex 0C2A8A 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
#0C2A8A }
```

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

```
.border{ border-color:#0C2A8A }
```

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

Here you see how a box with a 4 pixel #0C2A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2A8A; -webkit-box-shadow:4px 4px  
4px 4px #0C2A8A; box-shadow:4px 4px 4px  
4px #0C2A8A }
```

Background

The CSS property to change the background color of an element to Hex 0C2A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2A8A }
```

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

```
.background{ background-color:#0C2A8A }
```

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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