

Converting Colors

Hex(0C1CA3)

Have a look what the booklet for
Hex(0C1CA3) contains.

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Color

Hex(0C1CA3)

Conversions

Conversions Part 1

Format	Color
Hex	0C1CA3
RGB	12, 28, 163
RGB Percent	5%, 11%, 64%
CMY	0.9529, 0.8902, 0.3608
CMYK	0.93, 0.83, 0.00, 0.36
HSL	234°, 86%, 34%
HSV	234°, 93%, 64%
XYZ	7.1777, 3.5530, 34.9578
YIQ	38.6060, -52.8710, 38.5930

Conversions

Conversions Part 2

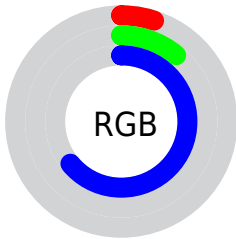
Format	Color
R_{YB}	12, 26, 163
Decimal	793763
CIE _{Lab}	22.13, 46.97, -71.20
CIE _{LCh}	22, 85.295, 303.411
Yxy	3.5530, 0.1571, 0.0778
Android (android.graphics.Color)	4278983843 (0xFF0C1CA3)
YUV	38.6060, 61.3262, -23.3335
Hunter-Lab	18.8494, 34.9850, -96.7635

Details

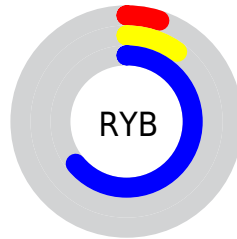
The Hex color **0C1CA3** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **A3930C**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5F4BDB**, and **00006E** is the 20% darker color. If you saturate the color by 10%, you get **0011A3**, and if you desaturate by 10%, it is **1C2BA3**.

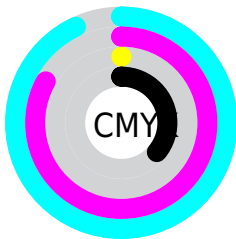
Distribution



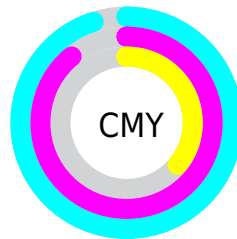
- Red (5%)
- Green (11%)
- Blue (64%)



- Red (5%)
- Yellow (10%)
- Blue (64%)



- Cyan (93%)
- Magenta (83%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (89%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1CA3 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 0C1CA3 by changing the saturation by 10% instead.

■ 0C1CA3

■ 0C1CA3

FFFFFF

■ 000588

■ 5F4BDB

■ 00006E

■ 7D64F8

■ 000154

■ 9C7DFF

■ 00063C

■ BA98FF

■ 000225

■ D8B3FF

■ 00010E

■ F6CFFF

■ 000000

■ FFE8FF

■ 0C1CA3

■ 0C1CA3

■ 0011A3

■ 1C2BA3

■ 2D39A3

■ 3D48A3

■ 4D56A3

■ 5E65A3

■ 6E73A3

■ 7E82A3

■ 8E91A3

■ 9F9FA3

Harmonies

Analogous

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



003FBA



0C1CA3



7F006F

Triad

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



0C1CA3



6C1100



00493B

Complementary

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



0C1CA3



A3930C

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



0C1CA3



3C3600

Square

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



0C1CA3



8D0000



004200



004A7B

Rectangle

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



0C1CA3



940046



004200



004825

Sweetspot

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



0C1CA3



989FD4



0CA391



474B6B



EBEBEB



6B6B6B

Same Dimension

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



0C1CA3



0016D4



460CA3



494A52



000F91



000212

Inverse Universe

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



A30C1C



D40016



69A30C



52494A



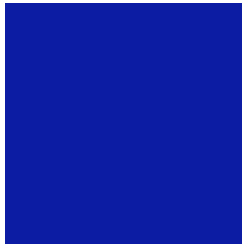
91000F



120002

Previews

White Background



This preview shows how the Hex color 0C1CA3 looks on a white background.

Color Contrast Check

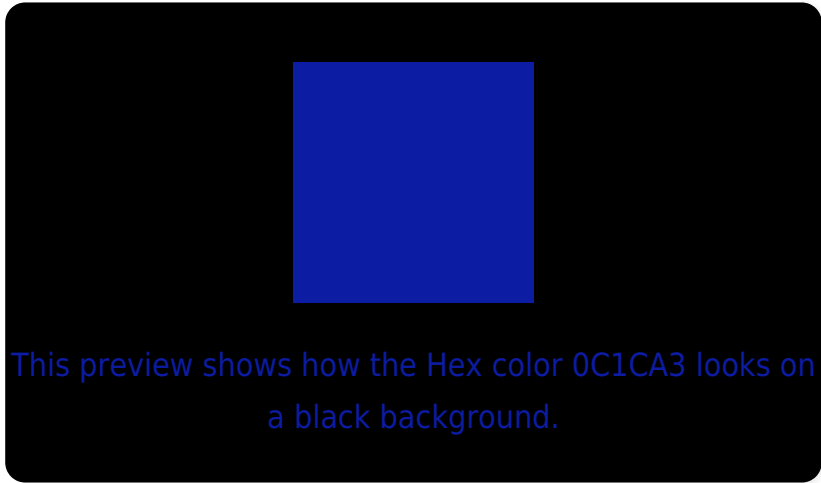
Large Text (above 18pt) WCAG AA ✓ Pass

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

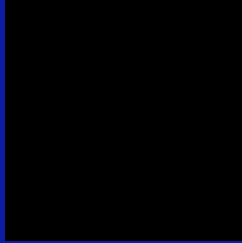
Any Text WCAG AA × Fail

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 0C1CA3 Background



This preview shows how black text looks on a background with the Hex color 0C1CA3.



This preview shows how white text looks on a background with the Hex color 0C1CA3.

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
0C1CA3

Protanopia
00346D

Deuteranopia
00385D



Tritanopia
003C3F

Trichromacy



Original Color
0C1CA3

Protanomaly
042B81

Deuteranomaly
042E76

Tritanomaly
043063

Monochromacy



Original Color
0C1CA3

Achromatopsia
272727

Achromatomaly
1D2354

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1CA3 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 #0C1CA3 looks like.

```
.text, #text, p{  
    color:#0C1CA3  
}
```

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 #0C1CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1CA3  
}
```

Border

The CSS property to change the border of an element to Hex 0C1CA3 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  
#0C1CA3 }
```

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

```
.border{ border-color:#0C1CA3 }
```

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

Here you see how a box with a 4 pixel #0C1CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1CA3; -webkit-box-shadow:4px 4px  
4px 4px #0C1CA3; box-shadow:4px 4px 4px  
4px #0C1CA3 }
```

Background

The CSS property to change the background color of an element to Hex 0C1CA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1CA3 }
```

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

```
.background{ background-color:#0C1CA3 }
```

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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