

Converting Colors

Hex(0D2BA1)

Have a look what the booklet for
Hex(0D2BA1) contains.

Hex(0D2BA1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D2BA1)

Conversions

Conversions Part 1

Format	Color
Hex	0D2BA1
RGB	13, 43, 161
RGB Percent	5%, 17%, 63%
CMY	0.9490, 0.8314, 0.3686
CMYK	0.92, 0.73, 0.00, 0.37
HSL	228°, 85%, 34%
HSV	228°, 92%, 63%
XYZ	7.4629, 4.3865, 34.1716
YIQ	47.4820, -55.7580, 30.3380

Conversions

Conversions Part 2

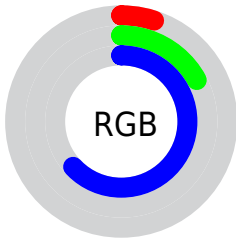
Format	Color
RYB	13, 38, 161
Decimal	863137
CIELab	24.91, 37.77, -65.38
CIElCh	25, 75.504, 300.014
Yxy	4.3865, 0.1622, 0.0953
Android (android.graphics.Color)	4279053217 (0xFF0D2BA1)
YUV	47.4820, 55.9644, -30.2407
Hunter-Lab	20.9440, 26.9519, -82.0747

Details

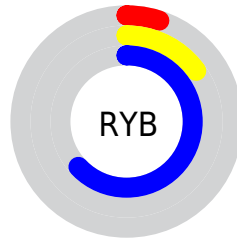
The Hex color **0D2BA1** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A1830D**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5D59D9**, and **00026C** is the 20% darker color. If you saturate the color by 10%, you get **0021A1**, and if you desaturate by 10%, it is **1D38A1**.

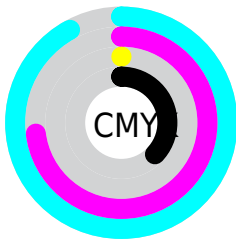
Distribution



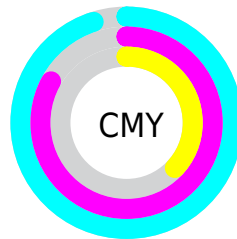
- Red (5%)
- Green (17%)
- Blue (63%)



- Red (5%)
- Yellow (15%)
- Blue (63%)



- Cyan (92%)
- Magenta (73%)
- Yellow (0%)
- Black (37%)



- Cyan (95%)
- Magenta (83%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2BA1 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 0D2BA1 by changing the saturation by 10% instead.

0D2BA1

0D2BA1

FFFFFF

001686

5D59D9

00026C

7B72F6

000053

998BFF

00063B

B6A6FF

000224

D4C1FF

00000C

F2DDFF

000000

FFFAFF

0D2BA1

0D2BA1

■ 0021A1

■ 1D38A1

■ 2D45A1

■ 3D52A1

■ 4D5EA1

■ 5E6BA1

■ 6E78A1

■ 7E85A1

■ 8E92A1

■ 9E9FA1

Harmonies

Analogous

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



0045B1



0D2BA1



7A0076

Triad

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



0D2BA1



741900



004E3A

Complementary

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



0D2BA1



A1830D

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.



004C00



0D2BA1



4A3A00

Square

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



0D2BA1



900003



004700



005074

Rectangle

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



0D2BA1



910051



004700



004E25

Sweetspot

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



0D2BA1



97A2D1



0DA181



454C69



E8E8E8



696969

Same Dimension

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



0D2BA1



002AD1



370DA1



494B52



001D91



000412

Inverse Universe

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



A10D2B



D1002A



77A10D



52494B



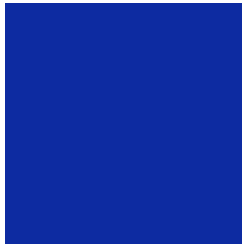
91001D



120004

Previews

White Background



This preview shows how the Hex color 0D2BA1 looks on a white background.

Color Contrast Check

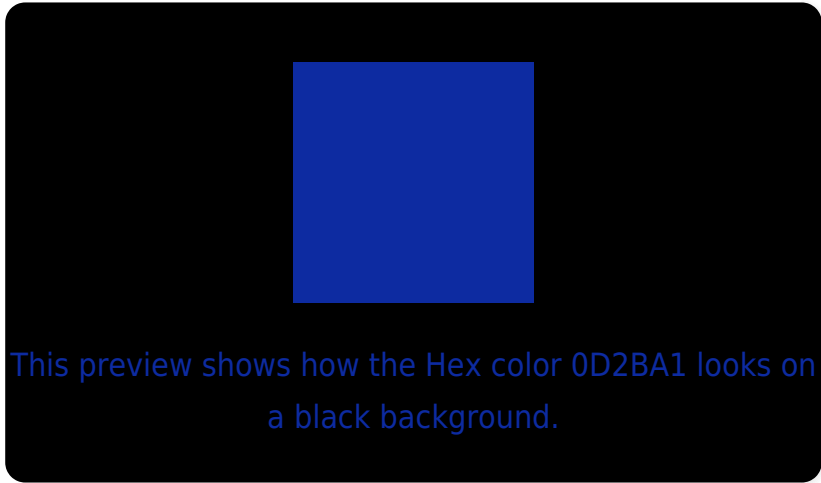
Large Text (above 18pt) WCAG AA ✓ Pass

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

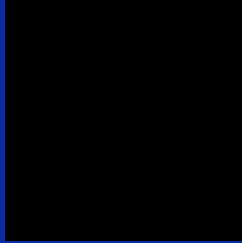
Any Text WCAG AA × Fail

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 0D2BA1 Background



This preview shows how black text looks on a background with the Hex color 0D2BA1.



This preview shows how white text looks on a background with the Hex color 0D2BA1.

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
0D2BA1

Protanopia
003979

Deuteranopia
003D67

Trichromacy



Original Color
0D2BA1

Protanomaly
053488

Deuteranomaly
05367C

Tritanomaly
053A66

Monochromacy



Original Color
0D2BA1

Achromatopsia
2F2F2F

Achromatomaly
232E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2BA1 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 #0D2BA1 looks like.

```
.text, #text, p{  
    color:#0D2BA1  
}
```

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 #0D2BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2BA1
}
```

Border

The CSS property to change the border of an element to Hex 0D2BA1 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
#0D2BA1 }
```

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

```
.border{ border-color:#0D2BA1 }
```

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

Here you see how a box with a 4 pixel #0D2BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2BA1; -webkit-box-shadow:4px 4px  
4px 4px #0D2BA1; box-shadow:4px 4px 4px  
4px #0D2BA1 }
```

Background

The CSS property to change the background color of an element to Hex 0D2BA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2BA1 }
```

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

```
.background{ background-color:#0D2BA1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor