

Converting Colors

Hex(0D4DA0)

Have a look what the booklet for
Hex(0D4DA0) contains.

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Color

Hex(0D4DA0)

Conversions

Conversions Part 1

Format	Color
Hex	0D4DA0
RGB	13, 77, 160
RGB Percent	5%, 30%, 63%
CMY	0.9490, 0.6980, 0.3725
CMYK	0.92, 0.52, 0.00, 0.37
HSL	214°, 85%, 34%
HSV	214°, 92%, 63%
XYZ	9.1650, 7.9314, 34.3056
YIQ	67.3260, -64.7870, 12.2450

Conversions

Conversions Part 2

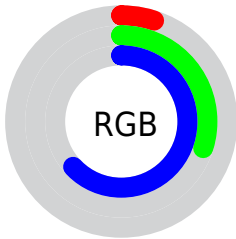
Format	Color
RYB	13, 58, 160
Decimal	871840
CIELab	33.84, 14.46, -50.16
CIELCh	34, 52.203, 286.076
Yxy	7.9314, 0.1783, 0.1543
Android (android.graphics.Color)	4279061920 (0xFF0D4DA0)
YUV	67.3260, 45.6883, -47.6439
Hunter-Lab	28.1627, 8.8047, -52.5084

Details

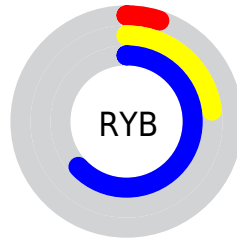
The Hex color **0D4DA0** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A0600D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5A7DD7**, and **00226C** is the 20% darker color. If you saturate the color by 10%, you get **0046A0**, and if you desaturate by 10%, it is **1D56A0**.

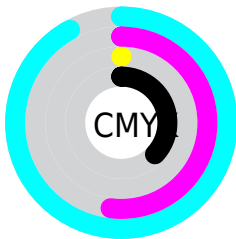
Distribution



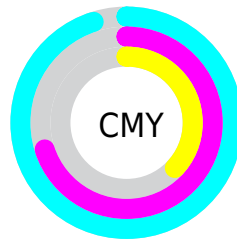
- Red (5%)
- Green (30%)
- Blue (63%)



- Red (5%)
- Yellow (23%)
- Blue (63%)



- Cyan (92%)
- Magenta (52%)
- Yellow (0%)
- Black (37%)



- Cyan (95%)
- Magenta (70%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4DA0 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 0D4DA0 by changing the saturation by 10% instead.

■ 0D4DA0

■ 0D4DA0

FFFFFF

■ 003785

■ 5A7DD7

■ 00226C

■ 7797F4

■ 000D53

■ 94B2FF

■ 00063B

■ B2CDFF

■ 000224

■ CFE9FF

■ 00000C

■ EDFFFF

■ 000000

■ 0D4DA0

■ 0D4DA0

■ 0046A0

■ 1D56A0

■ 2D5FA0

■ 3D68A0

■ 4D71A0

■ 5D7AA0

■ 6D83A0

■ 7D8CA0

■ 8D95A0

■ 9D9EA0

Harmonies

Analogous

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



005AA1



0D4DA0



6C398A

Triad

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



0D4DA0



8C3314



00613A

Complementary

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



0D4DA0



A0600D

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.



145D0D



0D4DA0



714700

Square

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



0D4DA0



981F3B



4D5500



006265

Rectangle

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



0D4DA0



872972



4D5500



00602C

Sweetspot

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



0D4DA0



97B0D1



0DA05E



455469



E8E8E8



696969

Same Dimension

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



0D4DA0



005BD1



140DA0



474B4F



003E8F



00070F

Inverse Universe

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



A00D4D



D1005B



99A00D



4F474B



8F003E



0F0007

Previews

White Background



This preview shows how the Hex color 0D4DA0 looks on a white background.

Color Contrast Check

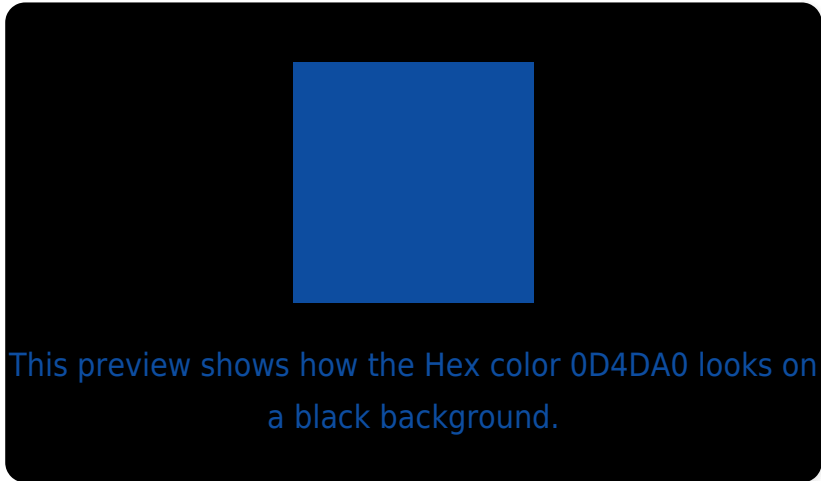
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D4DA0 Background



This preview shows how black text looks on a background with the Hex color 0D4DA0.



This preview shows how white text looks on a background with the Hex color 0D4DA0.

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

0D4DA0

Protanopia

164DA0

Deuteranopia

00518D

Trichromacy



Original Color
0D4DA0

Protanomaly
134DA0

Deuteranomaly
055094

Tritanomaly
055476

Monochromacy



Original Color
0D4DA0

Achromatopsia
434343

Achromatomaly
2F4765

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4DA0 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 #0D4DA0 looks like.

```
.text, #text, p{  
    color:#0D4DA0  
}
```

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 #0D4DA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4DA0
}
```

Border

The CSS property to change the border of an element to Hex 0D4DA0 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
#0D4DA0 }
```

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

```
.border{ border-color:#0D4DA0 }
```

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

Here you see how a box with a 4 pixel #0D4DA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4DA0; -webkit-box-shadow:4px 4px  
4px 4px #0D4DA0; box-shadow:4px 4px 4px  
4px #0D4DA0 }
```

Background

The CSS property to change the background color of an element to Hex 0D4DA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4DA0 }
```

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

```
.background{ background-color:#0D4DA0 }
```

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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