

Converting Colors

Hex(0B4899)

Have a look what the booklet for
Hex(0B4899) contains.

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Color

Hex(0B4899)

Conversions

Conversions Part 1

Format	Color
Hex	0B4899
RGB	11, 72, 153
RGB Percent	4%, 28%, 60%
CMY	0.9569, 0.7176, 0.4000
CMYK	0.93, 0.53, 0.00, 0.40
HSL	214°, 87%, 32%
HSV	214°, 93%, 60%
XYZ	8.2051, 7.0058, 31.0568
YIQ	62.9950, -62.3570, 12.2590

Conversions

Conversions Part 2

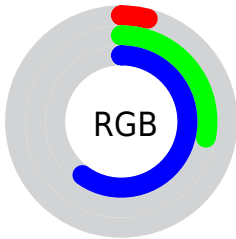
Format	Color
R_YB	11, 54, 153
Decimal	739481
CIE _{Lab}	31.82, 14.86, -49.20
CIE _{LCh}	32, 51.399, 286.803
Yxy	7.0058, 0.1773, 0.1514
Android (android.graphics.Color)	4278929561 (0xFF0B4899)
YUV	62.9950, 44.3725, -45.5996
Hunter-Lab	26.4684, 9.0147, -51.0401

Details

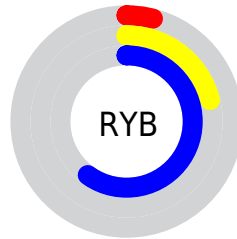
The Hex color **0B4899** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **995C0B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5778D0**, and **001E65** is the 20% darker color. If you saturate the color by 10%, you get **004299**, and if you desaturate by 10%, it is **1A5199**.

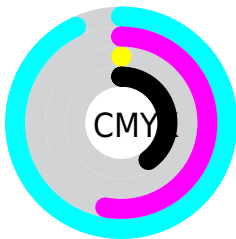
Distribution



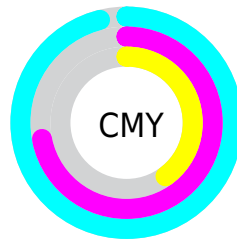
- Red (4%)
- Green (28%)
- Blue (60%)



- Red (4%)
- Yellow (21%)
- Blue (60%)



- Cyan (93%)
- Magenta (53%)
- Yellow (0%)
- Black (40%)



- Cyan (96%)
- Magenta (72%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4899 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 0B4899 by changing the saturation by 10% instead.

■ 0B4899

■ 0B4899

FFFFFF

■ 00327F

■ 5778D0

■ 001E65

■ 7591ED

■ 00044D

■ 91ACFF

■ 000535

■ AEC7FF

■ 00021F

■ CCE3FF

■ 000002

■ E9FFFF

■ 000000

■ 0B4899

■ 0B4899

■ 004299

■ 1A5199

■ 2A5999

■ 396299

■ 486B99

■ 577499

■ 677C99

■ 768599

■ 858E99

■ 959799

Harmonies

Analogous

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



00559A



0B4899



683483

Triad

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



0B4899



842F0F



005B37

Complementary

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



0B4899



995C0B

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.



0B580A



0B4899



6A4300

Square

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



0B4899



911A36



475000



005C61

Rectangle

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



0B4899



81246B



475000



005A29

Sweetspot

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



0B4899



8FA7C7



0B995B



425063



E3E3E3



636363

Same Dimension

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



0B4899



0055C7



140B99



45484D



003C8C



00050D

Inverse Universe

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



990B48



C70055



90990B



4D4548



8C003C



0D0005

Previews

White Background



This preview shows how the Hex color 0B4899 looks on a white background.

Color Contrast Check

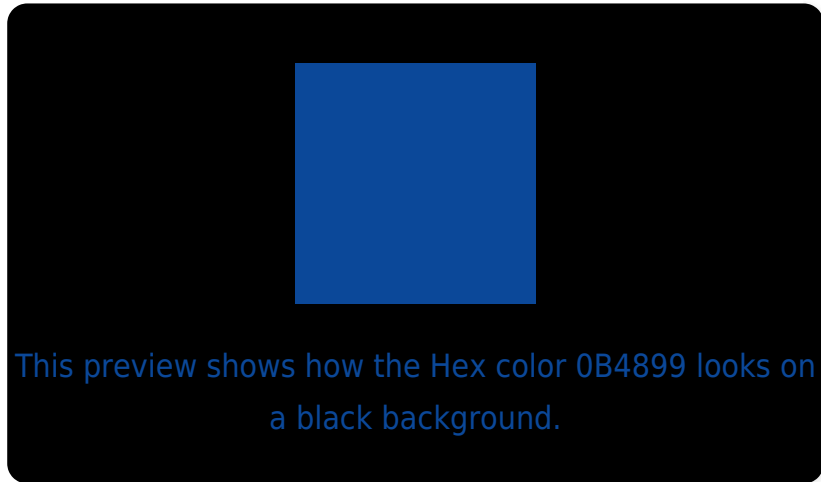
Large Text (above 18pt) WCAG AA ✓ Pass

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

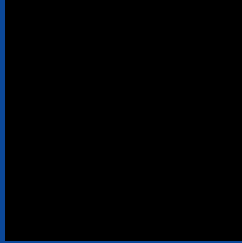
Any Text WCAG AA × Fail

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 0B4899 Background



This preview shows how black text looks on a background with the Hex color 0B4899.



This preview shows how white text looks on a background with the Hex color 0B4899.

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

0B4899

Protanopia

084899

Deuteranopia

004D84

Trichromacy



Original Color

0B4899

Protanomaly

094899

Deuteranomaly

044B8C

Tritanomaly

044F70

Monochromacy



Original Color

0B4899

Achromatopsia

3F3F3F

Achromatomaly

2C4260

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4899 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 #0B4899 looks like.

```
.text, #text, p{  
    color:#0B4899  
}
```

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 #0B4899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4899
}
```

Border

The CSS property to change the border of an element to Hex 0B4899 is called "border". The border property can be set on classes, ids or directly on the HTML element.

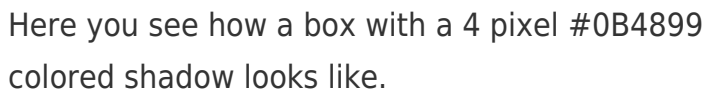
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B4899 }
```

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

```
.border{ border-color:#0B4899 }
```

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



Here you see how a box with a 4 pixel #0B4899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4899; -webkit-box-shadow:4px 4px  
4px 4px #0B4899; box-shadow:4px 4px 4px  
4px #0B4899 }
```

Background

The CSS property to change the background color of an element to Hex 0B4899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4899 }
```

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

```
.background{ background-color:#0B4899 }
```

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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