

Converting Colors

Hex(0249B0)

Have a look what the booklet for
Hex(0249B0) contains.

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Color

Hex(0249B0)

Conversions

Conversions Part 1

Format	Color
Hex	0249B0
RGB	2, 73, 176
RGB Percent	1%, 29%, 69%
CMY	0.9922, 0.7137, 0.3098
CMYK	0.99, 0.59, 0.00, 0.31
HSL	216°, 98%, 35%
HSV	216°, 99%, 69%
XYZ	10.2441, 7.9126, 42.0617
YIQ	63.5130, -75.3790, 16.9810

Conversions

Conversions Part 2

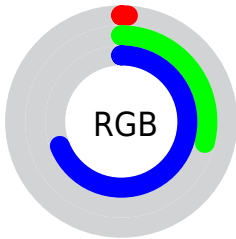
Format	Color
R _Y B	2, 52, 176
Decimal	149936
CIE Lab	33.80, 23.29, -59.80
CIE LCh	34, 64.173, 291.281
Yxy	7.9126, 0.1701, 0.1314
Android (android.graphics.Color)	4278340016 (0xFF0249B0)
YUV	63.5130, 55.4561, -53.9469
Hunter-Lab	28.1293, 15.7793, -68.9656

Details

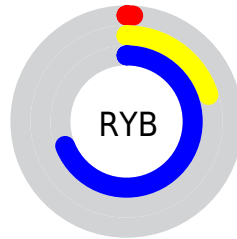
The Hex color **0249B0** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B06902**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5C79E9**, and **001F7A** is the 20% darker color. If you saturate the color by 10%, you get **0048B0**, and if you desaturate by 10%, it is **1453B0**.

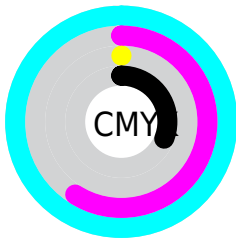
Distribution



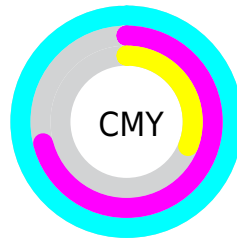
- Red (1%)
- Green (29%)
- Blue (69%)



- Red (1%)
- Yellow (20%)
- Blue (69%)



- Cyan (99%)
- Magenta (59%)
- Yellow (0%)
- Black (31%)



- Cyan (99%)
- Magenta (71%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0249B0 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 0249B0 by changing the saturation by 10% instead.

 0249B0

 0249B0

FFFFFF

 003395

 5C79E9

 001F7A

 7B92FF

 000A61

 99ADFF

 000848

 B7C8FF

 000431

 D5E4FF

 00011B

 F3FFFF

 000000

 0249B0

 0249B0

 0048B0

 1453B0

■ 255EB0

■ 3768B0

■ 4873B0

■ 5A7DB0

■ 6C88B0

■ 7D92B0

■ 8F9CB0

■ A0A7B0

Harmonies

Analogous

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



005BB6



0249B0



7B2A90

Triad

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



0249B0



912E00



00633E

Complementary

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



0249B0



B06902

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.



006000



0249B0



6E4800

Square

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



0249B0



A4002E



405800



006473

Rectangle

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



0249B0



970471



405800



00622C

Sweetspot

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



0249B0



A1BDE6



02B068



495A73



F2F2F2



737373

Same Dimension

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



0249B0



005EE6



1102B0



505459



003E99



000A1A

Inverse Universe

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



B00249



E6005E



A2B002



595054



99003E



1A000A

Previews

White Background



This preview shows how the Hex color 0249B0 looks on a white background.

Color Contrast Check

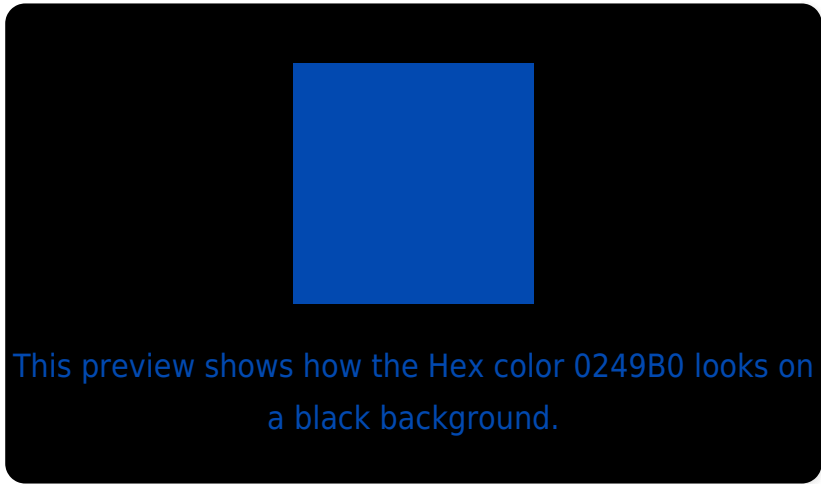
Large Text (above 18pt) WCAG AA ✓ Pass

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

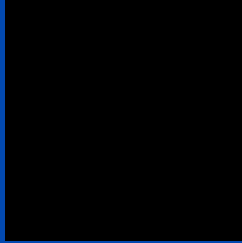
Any Text WCAG AA × Fail

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 0249B0 Background



This preview shows how black text looks on a background with the Hex color 0249B0.



This preview shows how white text looks on a background with the Hex color 0249B0.

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
0249B0

Protanopia
004DA3

Deuteranopia
00528B

Trichromacy



Original Color
0249B0

Protanomaly
014CA8

Deuteranomaly
014F98

Tritanomaly
01537C

Monochromacy



Original Color
0249B0

Achromatopsia
404040

Achromatomaly
294369

CSS Examples

Text

The CSS property to change the color of the text to Hex 0249B0 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 #0249B0 looks like.

```
.text, #text, p{  
    color:#0249B0  
}
```

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 #0249B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0249B0
}
```

Border

The CSS property to change the border of an element to Hex 0249B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

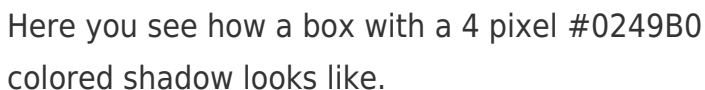
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0249B0 }
```

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

```
.border{ border-color:#0249B0 }
```

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



Here you see how a box with a 4 pixel #0249B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0249B0; -webkit-box-shadow:4px 4px  
4px 4px #0249B0; box-shadow:4px 4px 4px  
4px #0249B0 }
```

Background

The CSS property to change the background color of an element to Hex 0249B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0249B0 }
```

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

```
.background{ background-color:#0249B0 }
```

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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