

Converting Colors

Hex(0B249F)

Have a look what the booklet for
Hex(0B249F) contains.

Hex(0B249F)	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(0B249F)

Conversions

Conversions Part 1

Format	Color
Hex	0B249F
RGB	11, 36, 159
RGB Percent	4%, 14%, 62%
CMY	0.9569, 0.8588, 0.3765
CMYK	0.93, 0.77, 0.00, 0.38
HSL	230°, 87%, 33%
HSV	230°, 93%, 62%
XYZ	7.0269, 3.8361, 33.1710
YIQ	42.5470, -54.3830, 32.9530

Conversions

Conversions Part 2

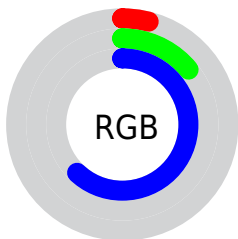
Format	Color
R_{YB}	11, 32, 159
Decimal	730271
CIE _{Lab}	23.12, 41.22, -67.12
CIE _{LCh}	23, 78.770, 301.555
Yxy	3.8361, 0.1596, 0.0871
Android (android.graphics.Color)	4278920351 (0xFF0B249F)
YUV	42.5470, 57.4113, -27.6667
Hunter-Lab	19.5860, 29.7653, -86.7039

Details

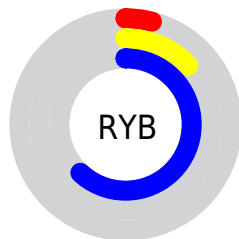
The Hex color **0B249F** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9F860B**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5C52D7**, and **00006A** is the 20% darker color. If you saturate the color by 10%, you get **001B9F**, and if you desaturate by 10%, it is **1B319F**.

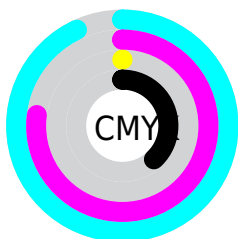
Distribution



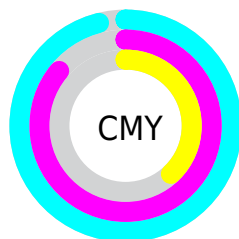
- Red (4%)
- Green (14%)
- Blue (62%)



- Red (4%)
- Yellow (13%)
- Blue (62%)



- Cyan (93%)
- Magenta (77%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (86%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B249F 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 0B249F by changing the saturation by 10% instead.

■ 0B249F

■ 0B249F

FFFFFF

■ 000F84

■ 5C52D7

■ 00006A

■ 7B6BF4

■ 000251

■ 9984FF

■ 000539

■ B69FFF

■ 000222

■ D4BAFF

■ 000009

■ F2D6FF

■ 000000

■ FFF2FF

■ 0B249F

■ 0B249F

■ 001B9F

■ 1B319F

■ 2B3E9F

■ 3B4C9F

■ 4B599F

■ 5B669F

■ 6A739F

■ 7A809F

■ 8A8E9F

■ 9A9B9F

Harmonies

Analogous

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



0041B2



0B249F



7A0071

Triad

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



0B249F



6E1500



004A39

Complementary

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



0B249F



9F860B

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.



004800



0B249F



423700

Square

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



0B249F



8C0000



004300



004C75

Rectangle

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



0B249F



90004B



004300



004A24

Sweetspot

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



0B249F



959ECF



0B9F84



454B69



E8E8E8



696969

Same Dimension

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



0B249F



0023CF



3A0B9F



47484F



00188F



00030F

Inverse Universe

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



9F0B24



CF0023



709F0B



4F4748



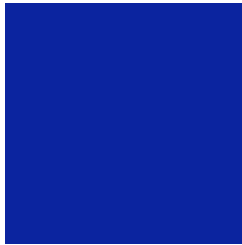
8F0018



0F0003

Previews

White Background



This preview shows how the Hex color 0B249F looks on a white background.

Color Contrast Check

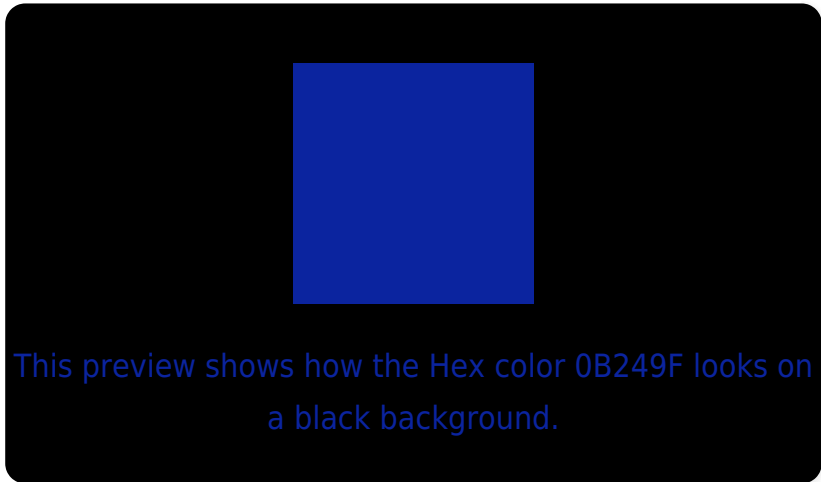
Large Text (above 18pt) WCAG AA ✓ Pass

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

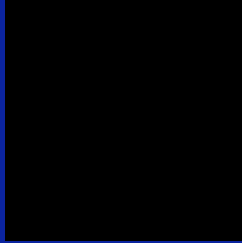
Any Text WCAG AA × Fail

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 0B249F Background



This preview shows how black text looks on a background with the Hex color 0B249F.



This preview shows how white text looks on a background with the Hex color 0B249F.

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
0B249F

Protanopia
003671

Deuteranopia
003960



Tritanopia
003E41

Trichromacy



Original Color
0B249F

Protanomaly
042F82

Deuteranomaly
043177

Tritanomaly
043563

Monochromacy



Original Color
0B249F

Achromatopsia
2B2B2B

Achromatomaly
1F2855

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B249F 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 #0B249F looks like.

```
.text, #text, p{  
    color:#0B249F  
}
```

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 #0B249F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B249F
}
```

Border

The CSS property to change the border of an element to Hex 0B249F 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
#0B249F }
```

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

```
.border{ border-color:#0B249F }
```

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

Here you see how a box with a 4 pixel #0B249F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B249F; -webkit-box-shadow:4px 4px  
4px 4px #0B249F; box-shadow:4px 4px 4px  
4px #0B249F }
```

Background

The CSS property to change the background color of an element to Hex 0B249F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B249F }
```

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

```
.background{ background-color:#0B249F }
```

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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