

Converting Colors

Hex(0B4E9E)

Have a look what the booklet for
Hex(0B4E9E) contains.

Hex(0B4E9E)	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>	28

Color

Hex(0B4E9E)

Conversions

Conversions Part 1

Format	Color
Hex	0B4E9E
RGB	11, 78, 158
RGB Percent	4%, 31%, 62%
CMY	0.9569, 0.6941, 0.3804
CMYK	0.93, 0.51, 0.00, 0.38
HSL	213°, 87%, 33%
HSV	213°, 93%, 62%
XYZ	9.0340, 7.9885, 33.4136
YIQ	67.0870, -65.6120, 10.6760

Conversions

Conversions Part 2

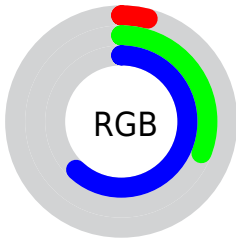
Format	Color
R_{YB}	11, 57, 158
Decimal	741022
CIE _{Lab}	33.96, 12.84, -48.77
CIE _{LCh}	34, 50.428, 284.754
Yxy	7.9885, 0.1791, 0.1584
Android (android.graphics.Color)	4278931102 (0xFF0B4E9E)
YUV	67.0870, 44.8201, -49.1883
Hunter-Lab	28.2640, 7.5915, -50.3075

Details

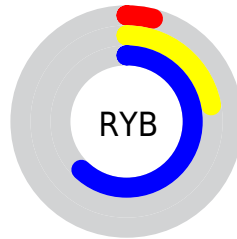
The Hex color **0B4E9E** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **9E5B0B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **587ED5**, and **00236A** is the 20% darker color. If you saturate the color by 10%, you get **00489E**, and if you desaturate by 10%, it is **1B579E**.

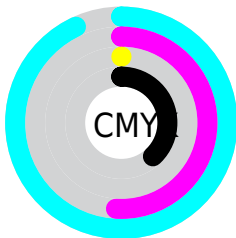
Distribution



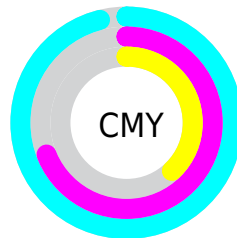
- Red (4%)
- Green (31%)
- Blue (62%)



- Red (4%)
- Yellow (22%)
- Blue (62%)



- Cyan (93%)
- Magenta (51%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (69%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4E9E 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 0B4E9E by changing the saturation by 10% instead.

■ 0B4E9E

■ 0B4E9E

FFFFFF

■ 003883

■ 587ED5

■ 00236A

■ 7698F2

■ 000E51

■ 93B3FF

■ 000539

■ B0CEFF

■ 000223

■ CEEAFF

■ 000009

■ EBFFFF

■ 000000

■ 0B4E9E

■ 0B4E9E

■ 00489E

■ 1B579E

 2B5F9E

 3A689E

 4A709E

 5A799E

 6A829E

 7A8A9E

 89939E

 999B9E

Harmonies

Analogous

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



005A9D



0B4E9E



6A3B89

Triad

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



0B4E9E



8B3418



006039

Complementary

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



0B4E9E



9E5B0B

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.



1C5C0E



0B4E9E



724600

Square

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



0B4E9E



96223E



4F5400



006263

Rectangle

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



0B4E9E



842D73



4F5400



005F2B

Sweetspot

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



0B4E9E



95AFCF



0B9E59



455569



E8E8E8



696969

Same Dimension

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



0B4E9E



005ECF



100B9E



474B4F



00418F



00070F

Inverse Universe

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



9E0B4E



CF005E



999E0B



4F474B



8F0041



0F0007

Previews

White Background



This preview shows how the Hex color 0B4E9E looks on a white background.

Color Contrast Check

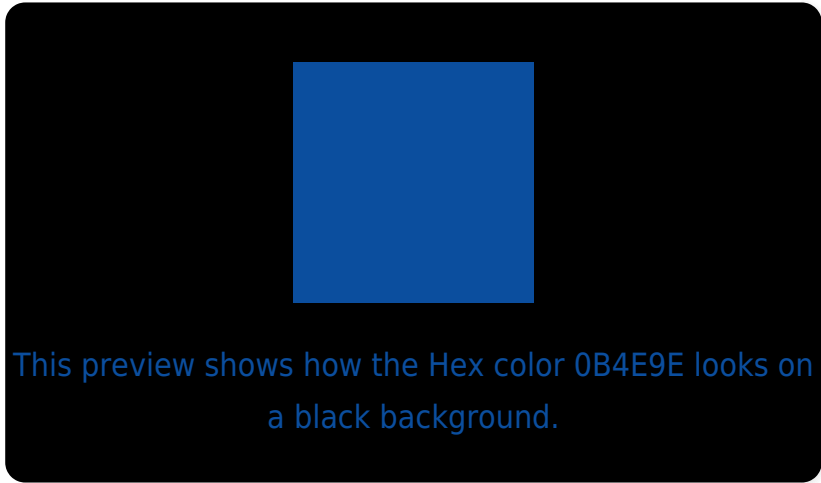
Large Text (above 18pt) WCAG AA ✓ Pass

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

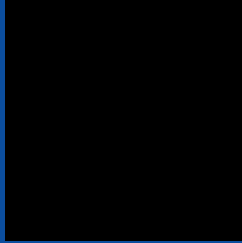
Any Text WCAG AA × Fail

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 0B4E9E Background



This preview shows how black text looks on a background with the Hex color 0B4E9E.



This preview shows how white text looks on a background with the Hex color 0B4E9E.

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
0B4E9E

Protanopia
1E4D9D

Deuteranopia
00528E

Trichromacy



Original Color
0B4E9E

Protanomaly
174D9D

Deuteranomaly
045194

Monochromacy



Original Color
0B4E9E

Achromatopsia
434343

Achromatomaly
2F4764

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4E9E 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 #0B4E9E looks like.

```
.text, #text, p{  
    color:#0B4E9E  
}
```

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 #0B4E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4E9E
}
```

Border

The CSS property to change the border of an element to Hex 0B4E9E 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
#0B4E9E }
```

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

```
.border{ border-color:#0B4E9E }
```

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

Here you see how a box with a 4 pixel #0B4E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4E9E; -webkit-box-shadow:4px 4px  
4px 4px #0B4E9E; box-shadow:4px 4px 4px  
4px #0B4E9E }
```

Background

The CSS property to change the background color of an element to Hex 0B4E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4E9E }
```

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

```
.background{ background-color:#0B4E9E }
```

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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