

Converting Colors

Hex(0B4EAC)

Have a look what the booklet for
Hex(0B4EAC) contains.

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Color

Hex(0B4EAC)

Conversions

Conversions Part 1

Format	Color
Hex	0B4EAC
RGB	11, 78, 172
RGB Percent	4%, 31%, 67%
CMY	0.9569, 0.6941, 0.3255
CMYK	0.94, 0.55, 0.00, 0.33
HSL	215°, 88%, 36%
HSV	215°, 94%, 67%
XYZ	10.3088, 8.4985, 40.1268
YIQ	68.6830, -70.1060, 15.0300

Conversions

Conversions Part 2

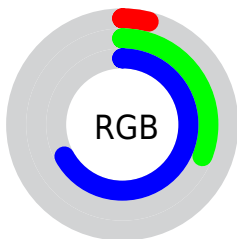
Format	Color
R_{YB}	11, 58, 172
Decimal	741036
CIE _{Lab}	35.00, 18.62, -55.46
CIE _{LCh}	35, 58.502, 288.558
Yxy	8.4985, 0.1749, 0.1442
Android (android.graphics.Color)	4278931116 (0xFF0B4EAC)
YUV	68.6830, 50.9353, -50.5880
Hunter-Lab	29.1522, 12.1049, -61.2038

Details

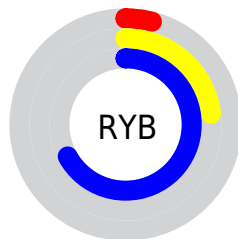
The Hex color **0B4EAC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AC690B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5D7EE4**, and **002377** is the 20% darker color. If you saturate the color by 10%, you get **0048AC**, and if you desaturate by 10%, it is **1C58AC**.

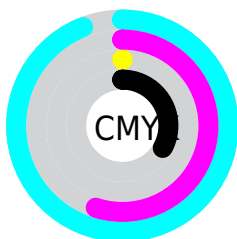
Distribution



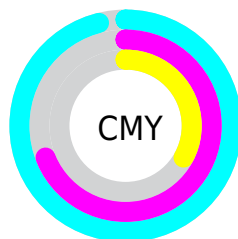
- Red (4%)
- Green (31%)
- Blue (67%)



- Red (4%)
- Yellow (23%)
- Blue (67%)



- Cyan (94%)
- Magenta (55%)
- Yellow (0%)
- Black (33%)



- Cyan (96%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4EAC 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 0B4EAC by changing the saturation by 10% instead.

■ 0B4EAC

■ 0B4EAC

FFFFFF

■ 003891

■ 5D7EE4

■ 002377

■ 7B98FF

■ 00105D

■ 99B3FF

■ 000845

■ B6CEFF

■ 00032E

■ D4EAFF

■ 000118

■ F2FFFF

■ 000000

■ 0B4EAC

■ 0B4EAC

■ 0048AC

■ 1C58AC

■ 2D62AC

■ 3F6CAC

■ 5076AC

■ 6180AC

■ 728AAC

■ 8394AC

■ 959EAC

■ A6A8AC

Harmonies

Analogous

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



005DAF



0B4EAC



773591

Triad

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



0B4EAC



923308



00653E

Complementary

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



0B4EAC



AC690B

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.



006107



0B4EAC



744A00

Square

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



0B4EAC



A21538



4A5900



00666F

Rectangle

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



0B4EAC



922075



4A5900



00642E

Sweetspot

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



0B4EAC



A2BCE0



0BAC69



4A5A70



F0F0F0



707070

Same Dimension

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



0B4EAC



005DE0



180BAC



4E5257



003F96



000A17

Inverse Universe

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



AC0B4E



E0005D



9FAC0B



574E52



96003F



17000A

Previews

White Background



This preview shows how the Hex color 0B4EAC looks on a white background.

Color Contrast Check

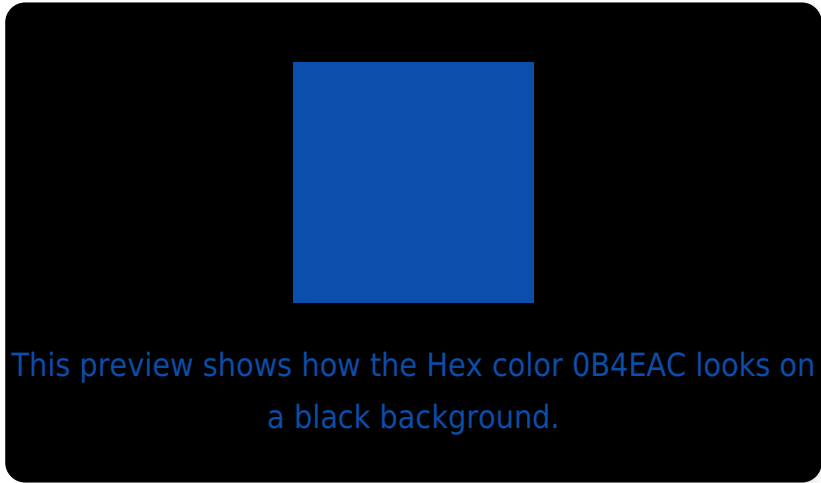
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B4EAC Background



This preview shows how black text looks on a background with the Hex color 0B4EAC.



This preview shows how white text looks on a background with the Hex color 0B4EAC.

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
0B4EAC

Protanopia
004FA8

Deuteranopia
005491



Tritanopia
005B61

Trichromacy



Original Color
0B4EAC

Protanomaly
044FA9

Deuteranomaly
04529B

Tritanomaly
04567C

Monochromacy



Original Color
0B4EAC

Achromatopsia
454545

Achromatomaly
30486A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4EAC 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 #0B4EAC looks like.

```
.text, #text, p{  
    color:#0B4EAC  
}
```

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 #0B4EAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4EAC
}
```

Border

The CSS property to change the border of an element to Hex 0B4EAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

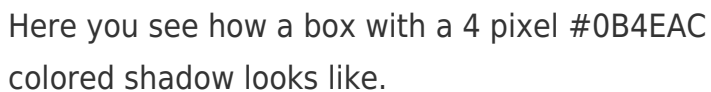
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B4EAC }
```

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

```
.border{ border-color:#0B4EAC }
```

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



Here you see how a box with a 4 pixel #0B4EAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4EAC; -webkit-box-shadow:4px 4px  
4px 4px #0B4EAC; box-shadow:4px 4px 4px  
4px #0B4EAC }
```

Background

The CSS property to change the background color of an element to Hex 0B4EAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4EAC }
```

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

```
.background{ background-color:#0B4EAC }
```

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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