

Converting Colors

Hex(0B22AF)

Have a look what the booklet for
Hex(0B22AF) contains.

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Color

Hex(0B22AF)

Conversions

Conversions Part 1

Format	Color
Hex	0B22AF
RGB	11, 34, 175
RGB Percent	4%, 13%, 69%
CMY	0.9569, 0.8667, 0.3137
CMYK	0.94, 0.81, 0.00, 0.31
HSL	232°, 88%, 36%
HSV	232°, 94%, 69%
XYZ	8.4479, 4.3103, 40.9442
YIQ	43.1970, -58.9690, 38.9750

Conversions

Conversions Part 2

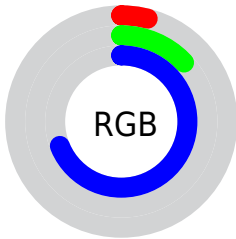
Format	Color
R_{YB}	11, 31, 175
Decimal	729775
CIE Lab	24.67, 47.83, -74.23
CIE LCh	25, 88.307, 302.793
Yxy	4.3103, 0.1573, 0.0803
Android (android.graphics.Color)	4278919855 (0xFF0B22AF)
YUV	43.1970, 64.9789, -28.2368
Hunter-Lab	20.7614, 36.3001, -102.3947

Details

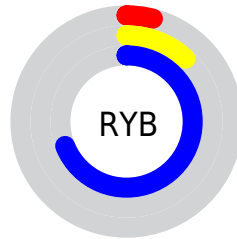
The Hex color **0B22AF** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **AF980B**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6251E8**, and **000079** is the 20% darker color. If you saturate the color by 10%, you get **0019AF**, and if you desaturate by 10%, it is **1C31AF**.

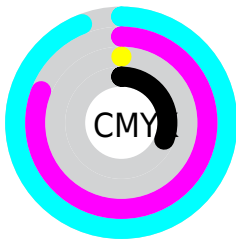
Distribution



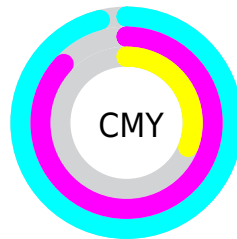
- Red (4%)
- Green (13%)
- Blue (69%)



- Red (4%)
- Yellow (12%)
- Blue (69%)



- Cyan (94%)
- Magenta (81%)
- Yellow (0%)
- Black (31%)



- Cyan (96%)
- Magenta (87%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B22AF 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 0B22AF by changing the saturation by 10% instead.

■ 0B22AF

■ 0B22AF

FFFFFF

■ 000B94

■ 6251E8

■ 000079

■ 816AFF

■ 00005F

■ A084FF

■ 000846

■ BE9EFF

■ 00042F

■ DCBAFF

■ 000119

■ FBD6FF

■ 000000

■ FFF2FF

■ 0B22AF

■ 0B22AF

■ 0019AF

■ 1C31AF

■ 2E40AF

■ 3F4FAF

■ 515EAF

■ 626DAF

■ 747CAF

■ 858BAF

■ 979AAF

■ A8A9AF

Harmonies

Analogous

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



0046C6



0B22AF



880079

Triad

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



0B22AF



761400



004F40

Complementary

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



0B22AF



AF980B

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.



004D00



0B22AF



443B00

Square

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



0B22AF



990000



004800



005183

Rectangle

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



0B22AF



9F004E



004800



004F28

Sweetspot

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



0B22AF



A3ACE3



0BAF96



4C5173



F2F2F2



737373

Same Dimension

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



0B22AF



0020E3



440BAF



4E4F57



001596



000317

Inverse Universe

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



AF0B22



E30020



76AF0B



574E4F



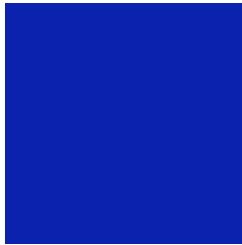
960015



170003

Previews

White Background



This preview shows how the Hex color 0B22AF looks on a white background.

Color Contrast Check

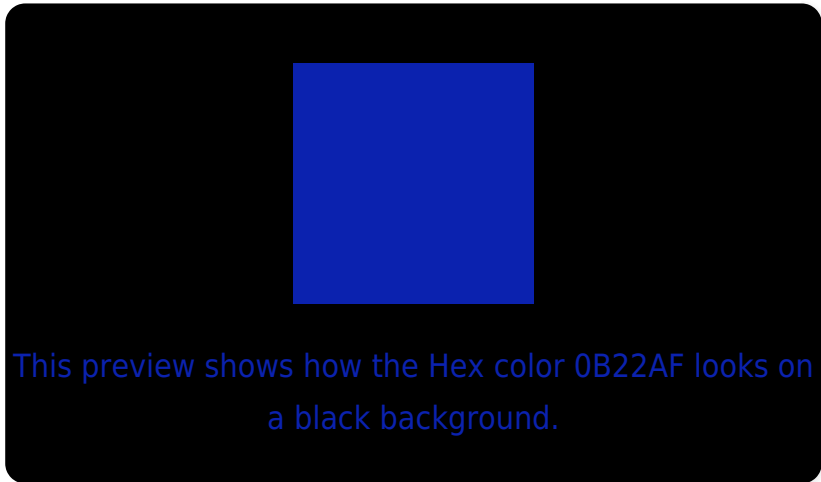
Large Text (above 18pt) WCAG AA ✓ Pass

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

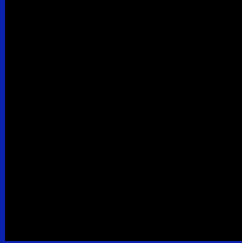
Any Text WCAG AA × Fail

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 0B22AF Background



This preview shows how black text looks on a background with the Hex color 0B22AF.



This preview shows how white text looks on a background with the Hex color 0B22AF.

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
0B22AF

Protanopia
003978

Deuteranopia
003D66

Trichromacy



Original Color
0B22AF

Protanomaly
04318C

Deuteranomaly
043381

Monochromacy



Original Color
0B22AF

Achromatopsia
2B2B2B

Achromatomaly
1F285B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B22AF 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 #0B22AF looks like.

```
.text, #text, p{  
    color:#0B22AF  
}
```

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 #0B22AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B22AF
}
```

Border

The CSS property to change the border of an element to Hex 0B22AF 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
#0B22AF }
```

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

```
.border{ border-color:#0B22AF }
```

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

Here you see how a box with a 4 pixel #0B22AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B22AF; -webkit-box-shadow:4px 4px  
4px 4px #0B22AF; box-shadow:4px 4px 4px  
4px #0B22AF }
```

Background

The CSS property to change the background color of an element to Hex 0B22AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B22AF }
```

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

```
.background{ background-color:#0B22AF }
```

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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