

Converting Colors

Hex(0B21BA)

Have a look what the booklet for
Hex(0B21BA) contains.

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Color

Hex(0B21BA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0B21BA |
| RGB | 11, 33, 186 |
| RGB Percent | 4%, 13%, 73% |
| CMY | 0.9569, 0.8706, 0.2706 |
| CMYK | 0.94, 0.82, 0.00, 0.27 |
| HSL | 232°, 89%, 39% |
| HSV | 232°, 94%, 73% |
| XYZ | 9.5448, 4.7040, 46.8593 |
| YIQ | 43.8640, -62.2250, 42.9190 |

Conversions

Conversions Part 2

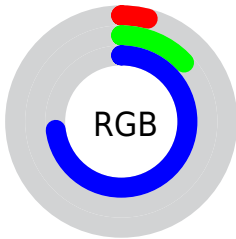
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 11, 31, 186 |
| Decimal | 729530 |
| CIE Lab | 25.87, 51.91, -78.80 |
| CIE LCh | 26, 94.365, 303.376 |
| Yxy | 4.7040, 0.1562, 0.0770 |
| Android (android.graphics.Color) | 4278919610 (0xFF0B21BA) |
| YUV | 43.8640, 70.0730, -28.8217 |
| Hunter-Lab | 21.6888, 40.5989, -112.9157 |

Details

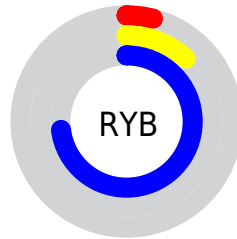
The Hex color **0B21BA** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BAA40B**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6551F4**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **0017BA**, and if you desaturate by 10%, it is **1E31BA**.

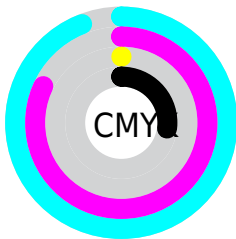
Distribution



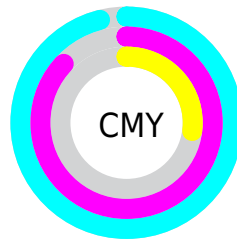
- Red (4%)
- Green (13%)
- Blue (73%)



- Red (4%)
- Yellow (12%)
- Blue (73%)



- Cyan (94%)
- Magenta (82%)
- Yellow (0%)
- Black (27%)



- Cyan (96%)
- Magenta (87%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B21BA 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 0B21BA by changing the saturation by 10% instead.

■ 0B21BA

■ 0B21BA

FFFFFF

■ 00089E

■ 6551F4

■ 000083

■ 856AFF

■ 000069

■ A484FF

■ 000A50

■ C39FFF

■ 000538

■ E2BAFF

■ 000221

■ FFD6FF

■ 000007

■ FFF3FF

■ 000000

■ 0B21BA

■ 0B21BA

■ 0017BA

■ 1E31BA

■ 3042BA

■ 4352BA

■ 5562BA

■ 6872BA

■ 7B83BA

■ 8D93BA

■ A0A3BA

■ B2B3BA

Harmonies

Analogous

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



0049D4



0B21BA



910080

Triad

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



0B21BA



7C1400



005344

Complementary

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



0B21BA



BAA40B

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.



005100



0B21BA



453E00

Square

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



0B21BA



A10000



004C00



00558D

Rectangle

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



0B21BA



A90051



004C00



00522B

Sweetspot

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



0B21BA



AEB7F2



0BBAA3



51567A



FAFAFA



7A7A7A

Same Dimension

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



0B21BA



001EF2



4B0BBA



53545C



00149C



00041C

Inverse Universe

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



BA0B21



F2001E



7ABA0B



5C5354



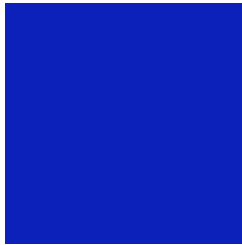
9C0014



1C0004

Previews

White Background



This preview shows how the Hex color 0B21BA looks on a white background.

Color Contrast Check

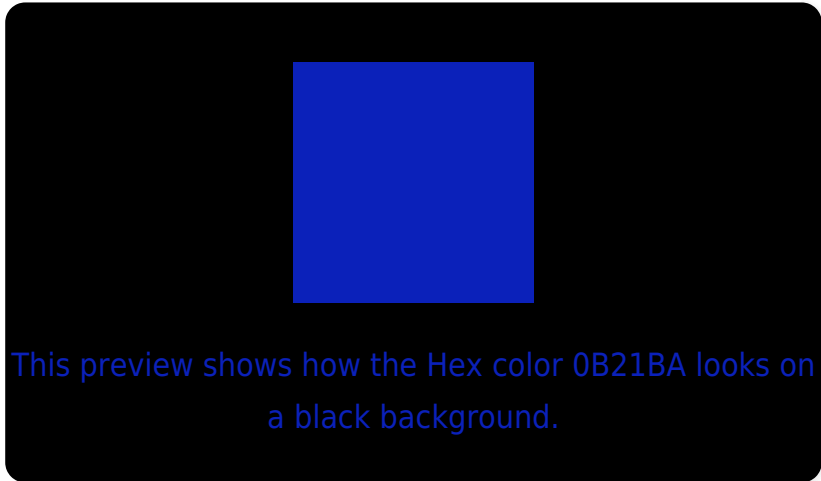
Large Text (above 18pt) WCAG AA ✓ Pass

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

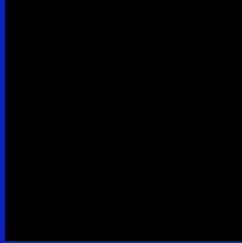
Any Text WCAG AA × Fail

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 0B21BA Background



This preview shows how black text looks on a background with the Hex color 0B21BA.



This preview shows how white text looks on a background with the Hex color 0B21BA.

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
0B21BA

Protanopia
003C7D

Deuteranopia
00406A

Trichromacy



Original Color
0B21BA

Protanomaly
043293

Deuteranomaly
043587

Tritanomaly
043871

Monochromacy



Original Color
0B21BA

Achromatopsia
2C2C2C

Achromatomaly
202860

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B21BA 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 #0B21BA looks like.

```
.text, #text, p{  
    color:#0B21BA  
}
```

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 #0B21BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B21BA
}
```

Border

The CSS property to change the border of an element to Hex 0B21BA 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
#0B21BA }
```

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

```
.border{ border-color:#0B21BA }
```

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

Here you see how a box with a 4 pixel #0B21BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B21BA; -webkit-box-shadow:4px 4px  
4px 4px #0B21BA; box-shadow:4px 4px 4px  
4px #0B21BA }
```

Background

The CSS property to change the background color of an element to Hex 0B21BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B21BA }
```

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

```
.background{ background-color:#0B21BA }
```

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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