

Converting Colors

Hex(0B2196)

Have a look what the booklet for
Hex(0B2196) contains.

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Color

Hex(0B2196)

Conversions

Conversions Part 1

Format	Color
Hex	0B2196
RGB	11, 33, 150
RGB Percent	4%, 13%, 59%
CMY	0.9569, 0.8706, 0.4118
CMYK	0.93, 0.78, 0.00, 0.41
HSL	231°, 86%, 32%
HSV	231°, 93%, 59%
XYZ	6.1869, 3.3609, 29.1768
YIQ	39.7600, -50.6690, 31.7230

Conversions

Conversions Part 2

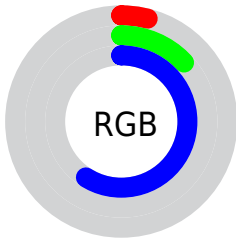
Format	Color
R_{YB}	11, 30, 150
Decimal	729494
CIE _{Lab}	21.43, 39.78, -64.40
CIE _{LCh}	21, 75.691, 301.702
Yxy	3.3609, 0.1598, 0.0868
Android (android.graphics.Color)	4278919574 (0xFF0B2196)
YUV	39.7600, 54.3483, -25.2225
Hunter-Lab	18.3327, 28.1578, -81.5283

Details

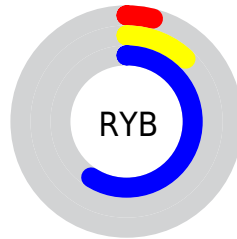
The Hex color **0B2196** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **96800B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5A4FCD**, and **000062** is the 20% darker color. If you saturate the color by 10%, you get **001896**, and if you desaturate by 10%, it is **1A2E96**.

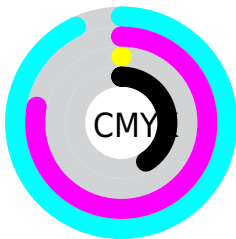
Distribution



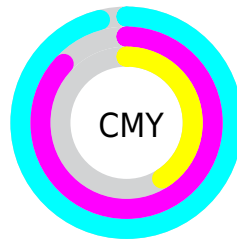
- Red (4%)
- Green (13%)
- Blue (59%)



- Red (4%)
- Yellow (12%)
- Blue (59%)



- Cyan (93%)
- Magenta (78%)
- Yellow (0%)
- Black (41%)



- Cyan (96%)
- Magenta (87%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2196 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 0B2196 by changing the saturation by 10% instead.

■ 0B2196

■ 0B2196

FFFFFF

■ 000C7B

■ 5A4FCD

■ 000062

■ 7867EA

■ 000649

■ 9581FF

■ 000431

■ B39BFF

■ 00011B

■ D0B6FF

■ 000000

■ EED2FF

■ FFEEFF

■ 0B2196

■ 0B2196

■ 001896

■ 1A2E96

■ 293A96

■ 384796

■ 475496

■ 566096

■ 656D96

■ 747996

■ 838696

■ 929396

Harmonies

Analogous

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



003DA8



0B2196



73006A

Triad

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



0B2196



681300



004635

Complementary

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



0B2196



96800B

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.



004400



0B2196



3E3300

Square

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



0B2196



840000



003F00



00476E

Rectangle

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



0B2196



870046



003F00



004521

Sweetspot

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



0B2196



8C94C2



0B967F



404561



E0E0E0



616161

Same Dimension

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



0B2196



001FC2



390B96



43444A



00168A



00020A

Inverse Universe

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



960B21



C2001F



68960B



4A4344



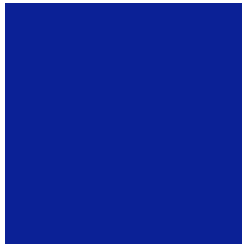
8A0016



0A0002

Previews

White Background



This preview shows how the Hex color 0B2196 looks on a white background.

Color Contrast Check

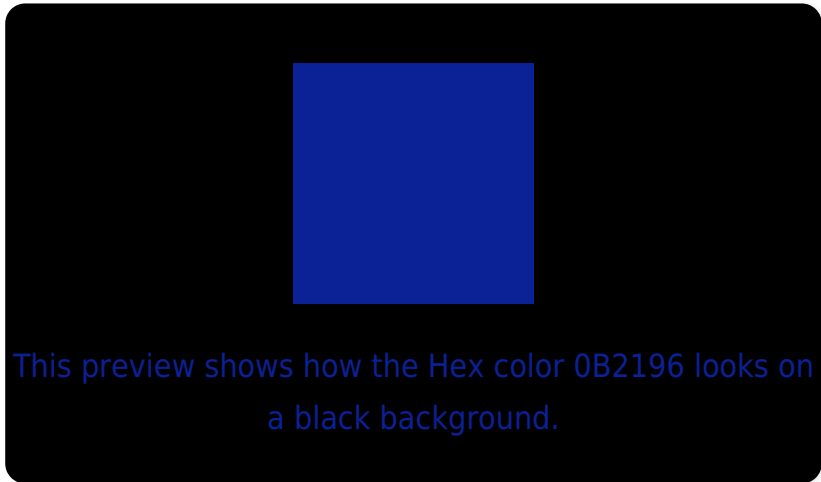
Large Text (above 18pt) WCAG AA ✓ Pass

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

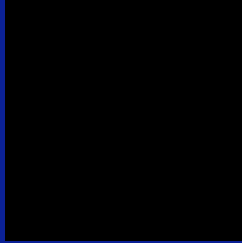
Any Text WCAG AA × Fail

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 0B2196 Background



This preview shows how black text looks on a background with the Hex color 0B2196.



This preview shows how white text looks on a background with the Hex color 0B2196.

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
0B2196

Protanopia
00326A

Deuteranopia
00365A

Trichromacy



Original Color
0B2196

Protanomaly
042C7A

Deuteranomaly
042E70

Monochromacy



Original Color
0B2196

Achromatopsia
282828

Achromatomaly
1D2550

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2196 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 #0B2196 looks like.

```
.text, #text, p{  
    color:#0B2196  
}
```

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 #0B2196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2196
}
```

Border

The CSS property to change the border of an element to Hex 0B2196 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
#0B2196 }
```

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

```
.border{ border-color:#0B2196 }
```

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

Here you see how a box with a 4 pixel #0B2196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2196; -webkit-box-shadow:4px 4px  
4px 4px #0B2196; box-shadow:4px 4px 4px  
4px #0B2196 }
```

Background

The CSS property to change the background color of an element to Hex 0B2196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2196 }
```

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

```
.background{ background-color:#0B2196 }
```

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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