

Converting Colors

Hex(101AB2)

Have a look what the booklet for
Hex(101AB2) contains.

Hex(101AB2)	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>	29

Color

Hex(101AB2)

Conversions

Conversions Part 1

Format	Color
Hex	101AB2
RGB	16, 26, 178
RGB Percent	6%, 10%, 70%
CMY	0.9373, 0.8980, 0.3020
CMYK	0.91, 0.85, 0.00, 0.30
HSL	236°, 84%, 38%
HSV	236°, 91%, 70%
XYZ	8.6190, 4.0633, 42.4495
YIQ	40.3380, -54.7520, 45.1520

Conversions

Conversions Part 2

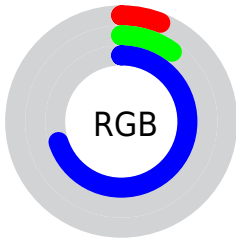
Format	Color
R_{YB}	16, 25, 178
Decimal	1055410
CIE _{Lab}	23.88, 52.74, -77.35
CIE _{LCh}	24, 93.617, 304.288
Yxy	4.0633, 0.1563, 0.0737
Android (android.graphics.Color)	4279245490 (0xFF101AB2)
YUV	40.3380, 67.8674, -21.3444
Hunter-Lab	20.1576, 41.0468, -110.7472

Details

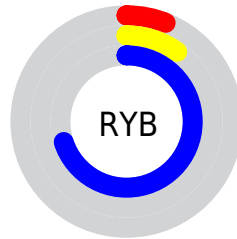
The Hex color **101AB2** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **B2A810**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **654BEB**, and **00007C** is the 20% darker color. If you saturate the color by 10%, you get **000BB2**, and if you desaturate by 10%, it is **222BB2**.

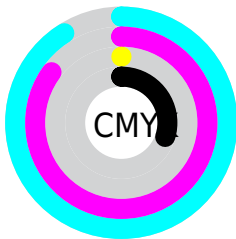
Distribution



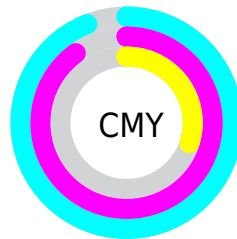
- Red (6%)
- Green (10%)
- Blue (70%)



- Red (6%)
- Yellow (10%)
- Blue (70%)



- Cyan (91%)
- Magenta (85%)
- Yellow (0%)
- Black (30%)



- Cyan (94%)
- Magenta (90%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 101AB2 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 101AB2 by changing the saturation by 10% instead.

■ 101AB2

■ 101AB2

FFFFFF

■ 000096

■ 654BEB

■ 00007C

■ 8464FF

■ 000062

■ A37EFF

■ 000949

■ C198FF

■ 000431

■ E0B4FF

■ 00011B

■ FFCFFF

■ 000000

■ FFECFF

■ 101AB2

■ 101AB2

■ 000BB2

■ 222BB2

■ 343BB2

■ 454CB2

■ 575DB2

■ 696EB2

■ 7B7EB2

■ 8D8FB2

■ 9EA0B2

■ B0B0B2

Harmonies

Analogous

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



0044CC



101AB2



8C0078

Triad

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



101AB2



741100



004E42

Complementary

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



101AB2



B2A810

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.



004C00



101AB2



3E3B00

Square

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



101AB2



990000



004700



005089

Rectangle

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



101AB2



A3004A



004700



004D29

Sweetspot

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



101AB2



A9ADE8



10B2A7



505275



F5F5F5



757575

Same Dimension

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



101AB2



000EE8



5610B2



505159



000999



00021A

Inverse Universe

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



B2101A



E8000E



6CB210



595051



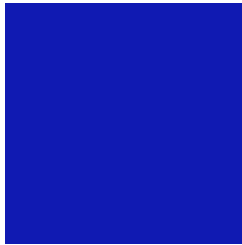
990009



1A0002

Previews

White Background



This preview shows how the Hex color 101AB2 looks on a white background.

Color Contrast Check

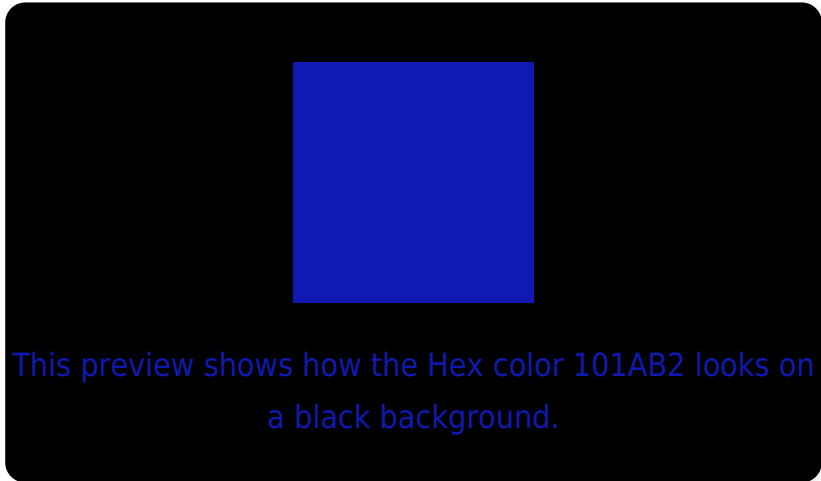
Large Text (above 18pt) WCAG AA ✓ Pass

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

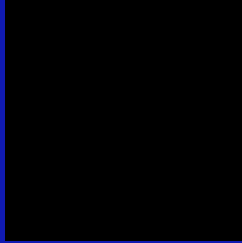
Any Text WCAG AA × Fail

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 101AB2 Background



This preview shows how black text looks on a background with the Hex color 101AB2.



This preview shows how white text looks on a background with the Hex color 101AB2.

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
101AB2

Protanopia
003875

Deuteranopia
003B63

Trichromacy



Original Color
101AB2

Protanomaly
062D8B

Deuteranomaly
062F80

Tritanomaly
06326B

Monochromacy



Original Color
101AB2

Achromatopsia
282828

Achromatomaly
1F235A

CSS Examples

Text

The CSS property to change the color of the text to Hex 101AB2 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 #101AB2 looks like.

```
.text, #text, p{  
    color:#101AB2  
}
```

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 #101AB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #101AB2
}
```

Border

The CSS property to change the border of an element to Hex 101AB2 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
#101AB2 }
```

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

```
.border{ border-color:#101AB2 }
```

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

Here you see how a box with a 4 pixel #101AB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #101AB2; -webkit-box-shadow:4px 4px  
4px 4px #101AB2; box-shadow:4px 4px 4px  
4px #101AB2 }
```

Background

The CSS property to change the background color of an element to Hex 101AB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#101AB2 }
```

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

```
.background{ background-color:#101AB2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor