

Converting Colors

Hex(121B9A)

Have a look what the booklet for
Hex(121B9A) contains.

Hex(121B9A)	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(121B9A)

Conversions

Conversions Part 1

Format	Color
Hex	121B9A
RGB	18, 27, 154
RGB Percent	7%, 11%, 60%
CMY	0.9294, 0.8941, 0.3961
CMYK	0.88, 0.82, 0.00, 0.40
HSL	236°, 79%, 34%
HSV	236°, 88%, 60%
XYZ	6.4741, 3.2456, 30.8571
YIQ	38.7870, -46.1310, 37.5890

Conversions

Conversions Part 2

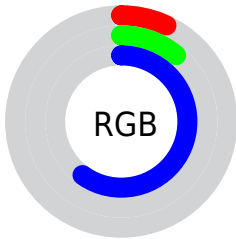
Format	Color
RYB	18, 26, 154
Decimal	1186714
CIELab	21.00, 44.71, -67.57
CIELCh	21, 81.025, 303.489
Yxy	3.2456, 0.1596, 0.0800
Android (android.graphics.Color)	4279376794 (0xFF121B9A)
YUV	38.7870, 56.8000, -18.2302
Hunter-Lab	18.0154, 32.6197, -88.9419

Details

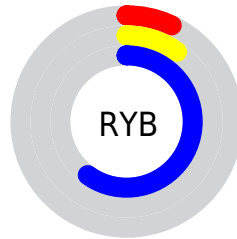
The Hex color **121B9A** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9A9112**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5E4AD2**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **030D9A**, and if you desaturate by 10%, it is **21299A**.

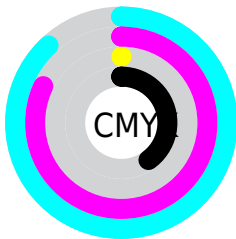
Distribution



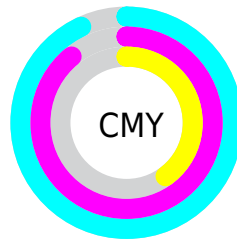
- Red (7%)
- Green (11%)
- Blue (60%)



- Red (7%)
- Yellow (10%)
- Blue (60%)



- Cyan (88%)
- Magenta (82%)
- Yellow (0%)
- Black (40%)



- Cyan (93%)
- Magenta (89%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121B9A 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 121B9A by changing the saturation by 10% instead.

■ 121B9A

■ 121B9A

FFFFFF

■ 00047F

■ 5E4AD2

■ 000065

■ 7C62EF

■ 00054C

■ 9A7CFF

■ 000534

■ B796FF

■ 00021E

■ D5B1FF

■ 000001

■ F3CDFF

■ 000000

■ FFE9FF

■ 121B9A

■ 121B9A

■ 030D9A

■ 21299A

■ 000A9A

■ 31389A

■ 40469A

■ 50559A

■ 5F639A

■ 6E719A

■ 7E809A

■ 8D8E9A

■ 9D9C9A

Harmonies

Analogous

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



003CAF



121B9A



790069

Triad

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



121B9A



671100



004638

Complementary

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



121B9A



9A9112

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.



004300



121B9A



393300

Square

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



121B9A



860000



003F00



004775

Rectangle

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



121B9A



8D0042



003F00



004523

Sweetspot

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



121B9A



9599C9



129A91



464866



E6E6E6



666666

Same Dimension

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



121B9A



000DC9



4D129A



45454D



00098C



00010D

Inverse Universe

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



9A121B



C9000D



5F9A12



4D4545



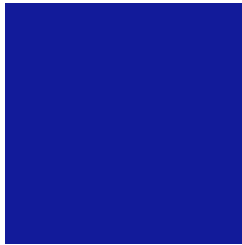
8C0009



0D0001

Previews

White Background



This preview shows how the Hex color 121B9A looks on a white background.

Color Contrast Check

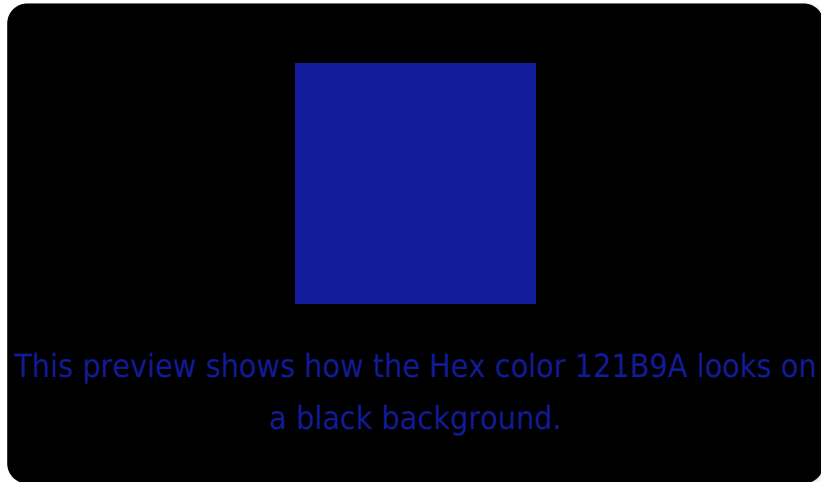
Large Text (above 18pt) WCAG AA ✓ Pass

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

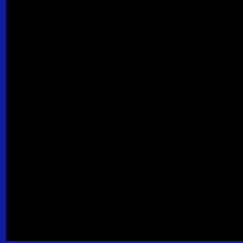
Any Text WCAG AA × Fail

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 121B9A Background



This preview shows how black text looks on a background with the Hex color 121B9A.



This preview shows how white text looks on a background with the Hex color 121B9A.

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
121B9A

Protanopia
003268

Deuteranopia
003558

Trichromacy



Original Color
121B9A

Protanomaly
072A7A

Deuteranomaly
072C70

Tritanomaly
072E5E

Monochromacy



Original Color
121B9A

Achromatopsia
272727

Achromatomaly
1F2351

CSS Examples

Text

The CSS property to change the color of the text to Hex 121B9A 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 #121B9A looks like.

```
.text, #text, p{  
    color:#121B9A  
}
```

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 #121B9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121B9A
}
```

Border

The CSS property to change the border of an element to Hex 121B9A 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".

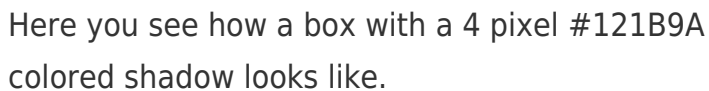
```
.border, #border, table{ border:4px solid
#121B9A }
```

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

```
.border{ border-color:#121B9A }
```

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

Here you see how a box with a 4 pixel #121B9A colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121B9A; -webkit-box-shadow:4px 4px  
4px 4px #121B9A; box-shadow:4px 4px 4px  
4px #121B9A }
```

Background

The CSS property to change the background color of an element to Hex 121B9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121B9A }
```

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

```
.background{ background-color:#121B9A }
```

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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