

Converting Colors

Hex(100A8A)

Have a look what the booklet for
Hex(100A8A) contains.

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Color

Hex(100A8A)

Conversions

Conversions Part 1

Format	Color
Hex	100A8A
RGB	16, 10, 138
RGB Percent	6%, 4%, 54%
CMY	0.9373, 0.9608, 0.4588
CMYK	0.88, 0.93, 0.00, 0.46
HSL	243°, 86%, 29%
HSV	243°, 93%, 54%
XYZ	4.9097, 2.1622, 24.2033
YIQ	26.3860, -37.5120, 41.0800

Conversions

Conversions Part 2

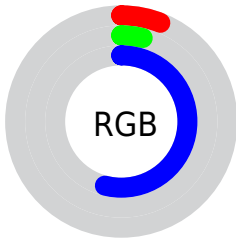
Format	Color
R _Y B	16, 10, 138
Decimal	1051274
CIE Lab	16.32, 46.92, -65.44
CIE LCh	16, 80.517, 305.640
Yxy	2.1622, 0.1570, 0.0691
Android (android.graphics.Color)	4279241354 (0xFF100A8A)
YUV	26.3860, 55.0257, -9.1085
Hunter-Lab	14.7045, 33.8664, -87.2972

Details

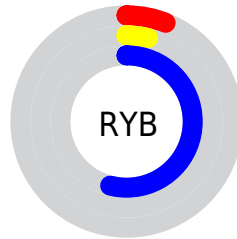
The Hex color **100A8A** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **848A0A**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **5A3BC1**, and **000056** is the 20% darker color. If you saturate the color by 10%, you get **06008A**, and if you desaturate by 10%, it is **1D188A**.

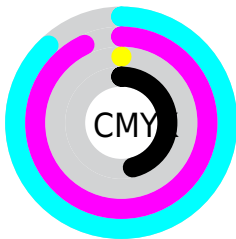
Distribution



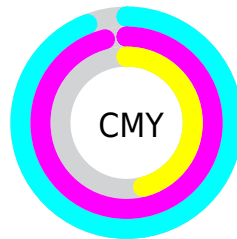
- Red (6%)
- Green (4%)
- Blue (54%)



- Red (6%)
- Yellow (4%)
- Blue (54%)



- Cyan (88%)
- Magenta (93%)
- Yellow (0%)
- Black (46%)



- Cyan (94%)
- Magenta (96%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100A8A 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 100A8A by changing the saturation by 10% instead.

 100A8A

 100A8A

 FFF6FF

 000070

 5A3BC1

 000056

 7754DD

 00063E

 946DFA

 000327

 B287FF

 000111

 CFA2FF

 000000

 EDBDFF

 FFD AFF

 100A8A

 100A8A

■ 06008A

■ 1D188A

■ 2A268A

■ 37338A

■ 45418A

■ 524F8A

■ 5F5D8A

■ 6C6B8A

■ 79788A

■ 86868A

Harmonies

Analogous

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



0031A1



100A8A



6E0059

Triad

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



100A8A



560900



003A33

Complementary

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



100A8A



848A0A

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.



003900



100A8A



292B00

Square

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



100A8A



750000



003500



003C6C

Rectangle

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



100A8A



7F0034



003500



00391E

Sweetspot

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



100A8A



8381B3



0A868A



3C3B59



D9D9D9



595959

Same Dimension

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



100A8A



0800B3



4E0A8A



3E3E45



060085



000005

Inverse Universe

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



8A0A84



B300AA



468A0A



453E45



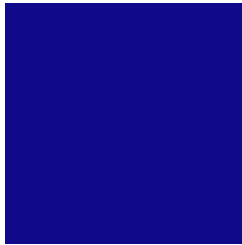
85007E



050005

Previews

White Background



This preview shows how the Hex color 100A8A looks on a white background.

Color Contrast Check

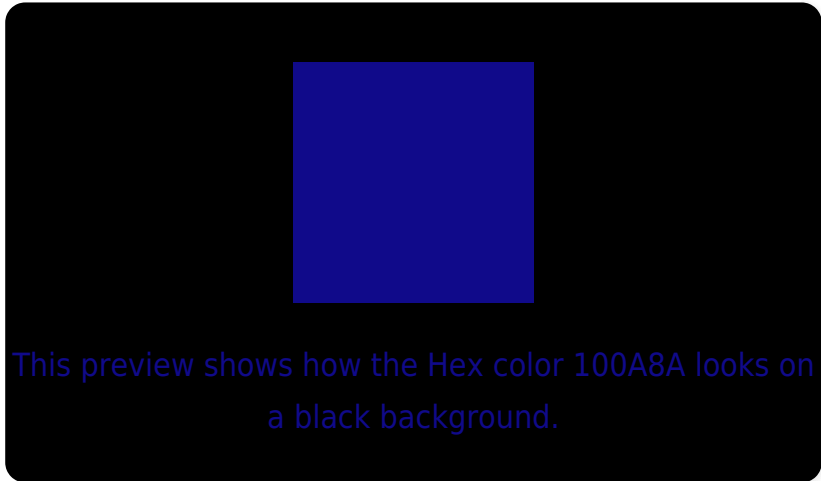
Large Text (above 18pt) WCAG AA ✓ Pass

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

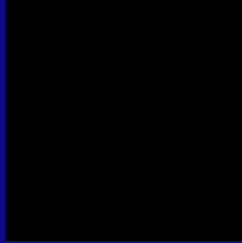
Any Text WCAG AA × Fail

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 100A8A Background



This preview shows how black text looks on a background with the Hex color 100A8A.



This preview shows how white text looks on a background with the Hex color 100A8A.

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
100A8A

Protanopia
002957

Deuteranopia
002C49

Trichromacy



Original Color

100A8A

Protanomaly

061E6A

Deuteranomaly

062061

Tritanomaly

062252

Monochromacy



Original Color

100A8A

Achromatopsia

1A1A1A

Achromatomaly

161443

CSS Examples

Text

The CSS property to change the color of the text to Hex 100A8A 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 #100A8A looks like.

```
.text, #text, p{  
    color:#100A8A  
}
```

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 #100A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100A8A
}
```

Border

The CSS property to change the border of an element to Hex 100A8A 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
#100A8A }
```

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

```
.border{ border-color:#100A8A }
```

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

Here you see how a box with a 4 pixel #100A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100A8A; -webkit-box-shadow:4px 4px  
4px 4px #100A8A; box-shadow:4px 4px 4px  
4px #100A8A }
```

Background

The CSS property to change the background color of an element to Hex 100A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100A8A }
```

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

```
.background{ background-color:#100A8A }
```

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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