

Converting Colors

Hex(102F8D)

Have a look what the booklet for
Hex(102F8D) contains.

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Color

Hex(102F8D)

Conversions

Conversions Part 1

Format	Color
Hex	102F8D
RGB	16, 47, 141
RGB Percent	6%, 18%, 55%
CMY	0.9373, 0.8157, 0.4471
CMYK	0.89, 0.67, 0.00, 0.45
HSL	225°, 80%, 31%
HSV	225°, 89%, 55%
XYZ	6.0379, 4.0663, 25.6659
YIQ	48.4470, -48.6500, 22.6620

Conversions

Conversions Part 2

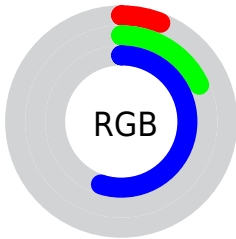
Format	Color
R _Y B	16, 41, 141
Decimal	1060749
CIE Lab	23.89, 27.57, -54.77
CIE LCh	24, 61.318, 296.717
Yxy	4.0663, 0.1688, 0.1137
Android (android.graphics.Color)	4279250829 (0xFF102F8D)
YUV	48.4470, 45.6286, -28.4560
Hunter-Lab	20.1650, 18.1587, -61.3485

Details

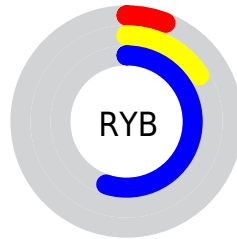
The Hex color **102F8D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8D6E10**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **575DC4**, and **00045A** is the 20% darker color. If you saturate the color by 10%, you get **02248D**, and if you desaturate by 10%, it is **1E3A8D**.

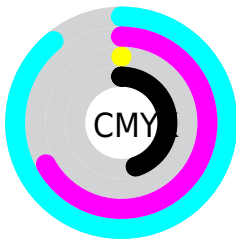
Distribution



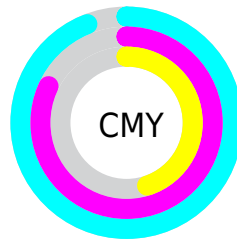
- Red (6%)
- Green (18%)
- Blue (55%)



- Red (6%)
- Yellow (16%)
- Blue (55%)



- Cyan (89%)
- Magenta (67%)
- Yellow (0%)
- Black (45%)



- Cyan (94%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102F8D 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 102F8D by changing the saturation by 10% instead.

■ 102F8D

■ 102F8D

FFFFFF

■ 001B73

■ 575DC4

■ 00045A

■ 7475E0

■ 000641

■ 918FFD

■ 00032A

■ ADA9FF

■ 000114

■ CBC5FF

■ 000000

■ E8E1FF

■ FFFDFF

■ 102F8D

■ 102F8D

■ 02248D

■ 1E3A8D

■ 00238D

■ 2C448D

■ 3A4F8D

■ 48598D

■ 57648D

■ 656F8D

■ 73798D

■ 81848D

■ 8F8E8D

Harmonies

Analogous

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



004197



102F8D



68016C

Triad

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



102F8D



6D1D00



004A32

Complementary

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



102F8D



8D6E10

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.



004700



102F8D



4B3600

Square

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



102F8D



810013



1C4200



004B62

Rectangle

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



102F8D



7D004F



1C4200



004922

Sweetspot

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



102F8D



8692B8



108D6E



3E465C



DBDBDB



5C5C5C

Same Dimension

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



102F8D



002EB8



2F108D



404247



002287



000208

Inverse Universe

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



8D102F



B8002E



6E8D10



474042



870022



080002

Previews

White Background



This preview shows how the Hex color 102F8D looks on a white background.

Color Contrast Check

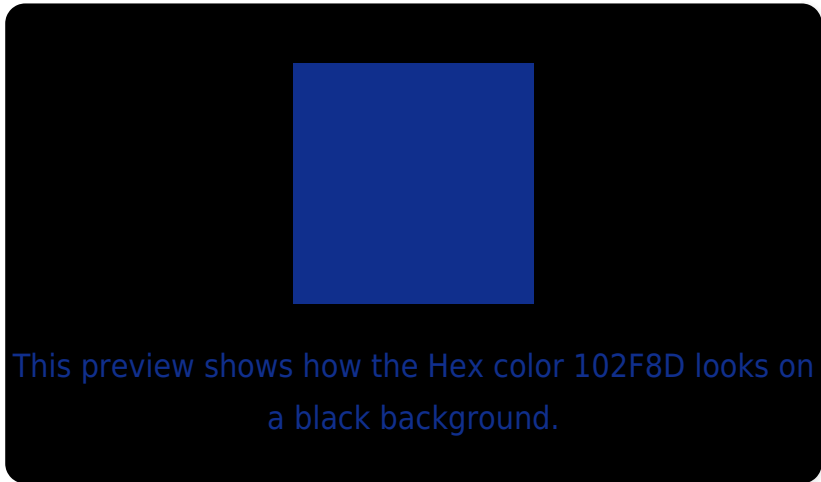
Large Text (above 18pt) WCAG AA ✓ Pass

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

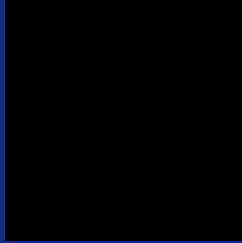
Any Text WCAG AA × Fail

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 102F8D Background



This preview shows how black text looks on a background with the Hex color 102F8D.



This preview shows how white text looks on a background with the Hex color 102F8D.

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
102F8D

Protanopia
003774

Deuteranopia
003B63

Trichromacy



Original Color
102F8D

Protanomaly
06347D

Deuteranomaly
063772

Tritanomaly
063A5E

Monochromacy



Original Color
102F8D

Achromatopsia
303030

Achromatomaly
243052

CSS Examples

Text

The CSS property to change the color of the text to Hex 102F8D 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 #102F8D looks like.

```
.text, #text, p{  
    color:#102F8D  
}
```

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 #102F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102F8D
}
```

Border

The CSS property to change the border of an element to Hex 102F8D 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".

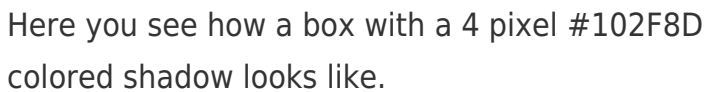
```
.border, #border, table{ border:4px solid
#102F8D }
```

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

```
.border{ border-color:#102F8D }
```

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

Here you see how a box with a 4 pixel #102F8D 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 #102F8D; -webkit-box-shadow:4px 4px  
4px 4px #102F8D; box-shadow:4px 4px 4px  
4px #102F8D }
```

Background

The CSS property to change the background color of an element to Hex 102F8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102F8D }
```

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

```
.background{ background-color:#102F8D }
```

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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