

Converting Colors

Hex(102782)

Have a look what the booklet for
Hex(102782) contains.

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Color

Hex(102782)

Conversions

Conversions Part 1

Format	Color
Hex	102782
RGB	16, 39, 130
RGB Percent	6%, 15%, 51%
CMY	0.9373, 0.8471, 0.4902
CMYK	0.88, 0.70, 0.00, 0.49
HSL	228°, 78%, 29%
HSV	228°, 88%, 51%
XYZ	4.9685, 3.1729, 21.4697
YIQ	42.4970, -42.9190, 23.4250

Conversions

Conversions Part 2

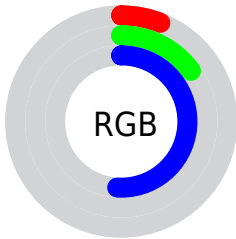
Format	Color
R_{YB}	16, 35, 130
Decimal	1058690
CIE _{Lab}	20.72, 28.66, -53.09
CIE _{LCh}	21, 60.335, 298.362
Yxy	3.1729, 0.1678, 0.1072
Android (android.graphics.Color)	4279248770 (0xFF102782)
YUV	42.4970, 43.1390, -23.2379
Hunter-Lab	17.8126, 18.6168, -58.9936

Details

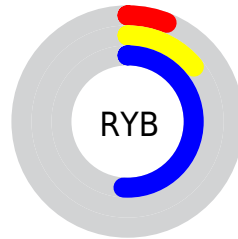
The Hex color **102782** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **826B10**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5454B8**, and **000050** is the 20% darker color. If you saturate the color by 10%, you get **031D82**, and if you desaturate by 10%, it is **1D3182**.

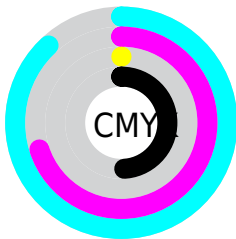
Distribution



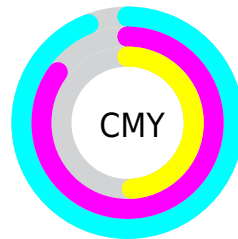
- Red (6%)
- Green (15%)
- Blue (51%)



- Red (6%)
- Yellow (14%)
- Blue (51%)



- Cyan (88%)
- Magenta (70%)
- Yellow (0%)
- Black (49%)



- Cyan (94%)
- Magenta (85%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102782 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 102782 by changing the saturation by 10% instead.

■ 102782

■ 102782

FFFFFF

■ 001368

■ 5454B8

■ 000050

■ 716CD4

■ 000538

■ 8D86F1

■ 000221

■ AAA0FF

■ 000006

■ C6BBFF

■ 000000

■ E4D7FF

■ FFF3FF

■ 102782

■ 102782

■ 031D82

■ 1D3182

■ 001A82

■ 2A3C82

■ 374682

■ 445182

■ 515B82

■ 5E6582

■ 6B7082

■ 787A82

■ 858482

Harmonies

Analogous

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



003A8D



102782



610061

Triad

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



102782



611800



00422E

Complementary

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



102782



826B10

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.



004000



102782



413000

Square

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



102782



760009



0F3B00



00435C

Rectangle

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



102782



740045



0F3B00



00411E

Sweetspot

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



102782



7D85A8



108269



3A3F54



D4D4D4



545454

Same Dimension

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



102782



0022A8



301082



393B40



001A80



000000

Inverse Universe

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



821027



A80022



628210



40393B



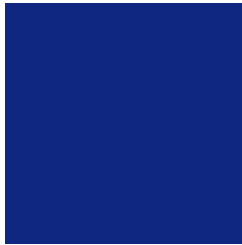
80001A



000000

Previews

White Background



This preview shows how the Hex color 102782 looks on a white background.

Color Contrast Check

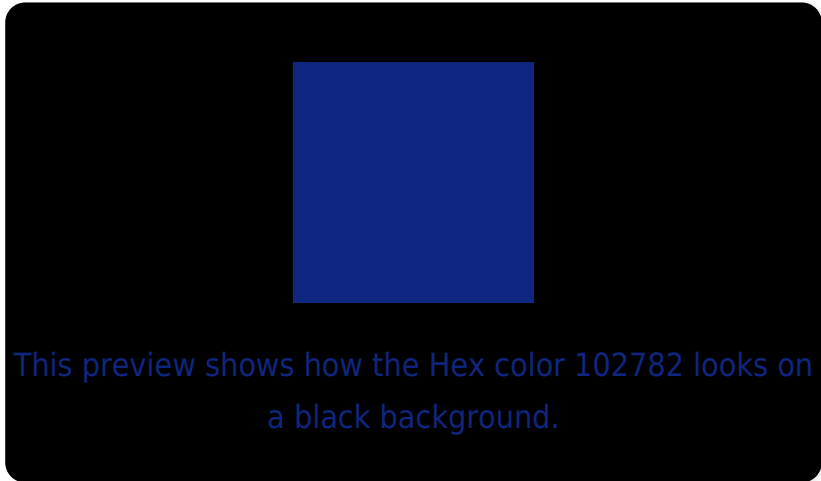
Large Text (above 18pt) WCAG AA ✓ Pass

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

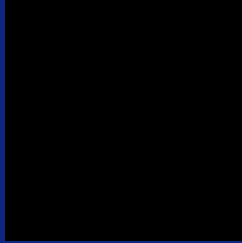
Any Text WCAG AA × Fail

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 102782 Background



This preview shows how black text looks on a background with the Hex color 102782.



This preview shows how white text looks on a background with the Hex color 102782.

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
102782

Protanopia
003166

Deuteranopia
003457



Tritanopia
00383B

Trichromacy



Original Color
102782

Protanomaly
062D70

Deuteranomaly
062F67

Tritanomaly
063255

Monochromacy



Original Color
102782

Achromatopsia
2A2A2A

Achromatomaly
21294A

CSS Examples

Text

The CSS property to change the color of the text to Hex 102782 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 #102782 looks like.

```
.text, #text, p{  
    color:#102782  
}
```

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 #102782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102782
}
```

Border

The CSS property to change the border of an element to Hex 102782 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".

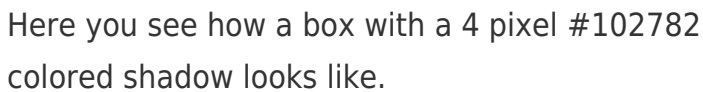
```
.border, #border, table{ border:4px solid
#102782 }
```

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

```
.border{ border-color:#102782 }
```

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

Here you see how a box with a 4 pixel #102782 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 #102782; -webkit-box-shadow:4px 4px  
4px 4px #102782; box-shadow:4px 4px 4px  
4px #102782 }
```

Background

The CSS property to change the background color of an element to Hex 102782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102782 }
```

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

```
.background{ background-color:#102782 }
```

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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