

Converting Colors

Hex(102185)

Have a look what the booklet for
Hex(102185) contains.

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Color

Hex(102185)

Conversions

Conversions Part 1

Format	Color
Hex	102185
RGB	16, 33, 133
RGB Percent	6%, 13%, 52%
CMY	0.9373, 0.8706, 0.4784
CMYK	0.88, 0.75, 0.00, 0.48
HSL	231°, 79%, 29%
HSV	231°, 88%, 52%
XYZ	4.9912, 2.8913, 22.4853
YIQ	39.3170, -42.2320, 27.4960

Conversions

Conversions Part 2

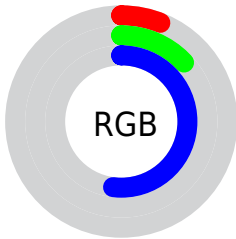
Format	Color
R_{YB}	16, 31, 133
Decimal	1057157
CIE _{Lab}	19.60, 33.77, -56.83
CIE _{LCh}	20, 66.110, 300.723
Yxy	2.8913, 0.1644, 0.0952
Android (android.graphics.Color)	4279247237 (0xFF102185)
YUV	39.3170, 46.1857, -20.4490
Hunter-Lab	17.0039, 22.6385, -66.5001

Details

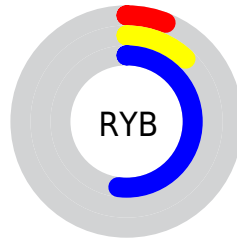
The Hex color **102185** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **857410**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **564EBB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **031685**, and if you desaturate by 10%, it is **1D2C85**.

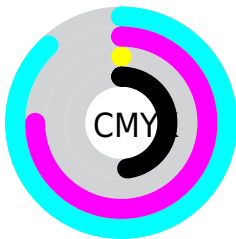
Distribution



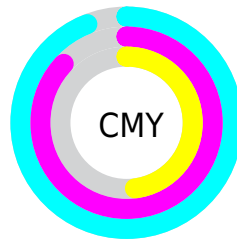
- Red (6%)
- Green (13%)
- Blue (52%)



- Red (6%)
- Yellow (12%)
- Blue (52%)



- Cyan (88%)
- Magenta (75%)
- Yellow (0%)
- Black (48%)



- Cyan (94%)
- Magenta (87%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102185 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 102185 by changing the saturation by 10% instead.

■ 102185

■ 102185

FFFFFF

■ 000D6B

■ 564EBB

■ 000052

■ 7366D7

■ 00053A

■ 8F7FF4

■ 000223

■ AC99FF

■ 00000B

■ C9B4FF

■ 000000

■ E7D0FF

■ FFECFF

■ 102185

■ 102185

■ 031685

■ 1D2C85

■ 001385

■ 2B3885

■ 384385

■ 454E85

■ 535A85

■ 606585

■ 6D7185

■ 7A7C85

■ 888785

Harmonies

Analogous

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



003893



102185



660060

Triad

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



102185



5F1400



004030

Complementary

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



102185



857410

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.



003E00



102185



3B2F00

Square

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



102185



770000



003900



004161

Rectangle

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



102185



780041



003900



003F1E

Sweetspot

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



102185



8087AD



108573



3C4057



D6D6D6



575757

Same Dimension

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



102185



0019AD



391085



3C3D42



001382



000003

Inverse Universe

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



851021



AD0019



5C8510



423C3D



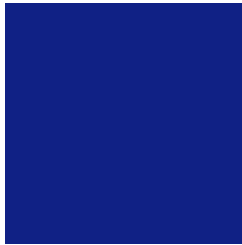
820013



030000

Previews

White Background



This preview shows how the Hex color 102185 looks on a white background.

Color Contrast Check

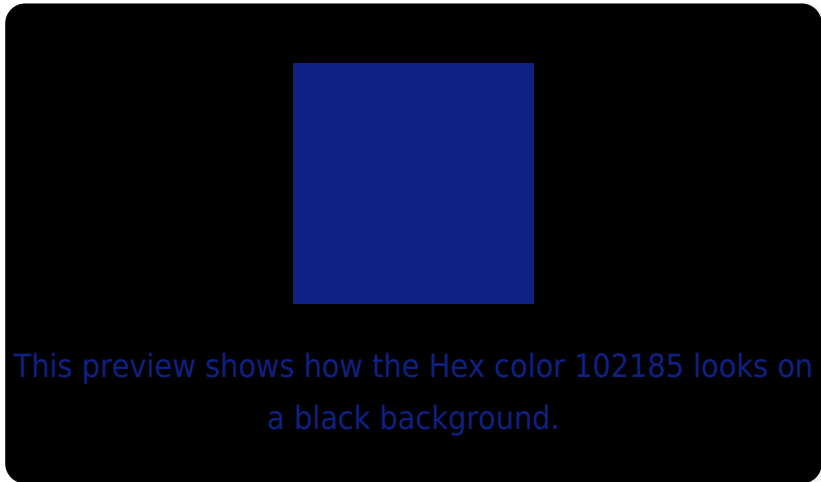
Large Text (above 18pt) WCAG AA ✓ Pass

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

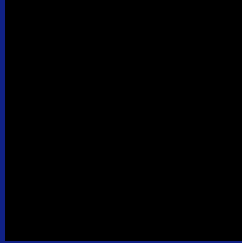
Any Text WCAG AA × Fail

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 102185 Background



This preview shows how black text looks on a background with the Hex color 102185.



This preview shows how white text looks on a background with the Hex color 102185.

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
102185

Protanopia
002F62

Deuteranopia
003253

Trichromacy



Original Color
102185

Protanomaly
062A6F

Deuteranomaly
062C65

Tritanomaly
062E54

Monochromacy



Original Color
102185

Achromatopsia
272727

Achromatomaly
1F2549

CSS Examples

Text

The CSS property to change the color of the text to Hex 102185 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 #102185 looks like.

```
.text, #text, p{  
    color:#102185  
}
```

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 #102185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102185
}
```

Border

The CSS property to change the border of an element to Hex 102185 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".

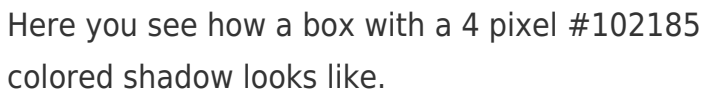
```
.border, #border, table{ border:4px solid
#102185 }
```

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

```
.border{ border-color:#102185 }
```

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

Here you see how a box with a 4 pixel #102185 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 #102185; -webkit-box-shadow:4px 4px  
4px 4px #102185; box-shadow:4px 4px 4px  
4px #102185 }
```

Background

The CSS property to change the background color of an element to Hex 102185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102185 }
```

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

```
.background{ background-color:#102185 }
```

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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