

Converting Colors

Hex(101E6E)

Have a look what the booklet for
Hex(101E6E) contains.

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Color

Hex(101E6E)

Conversions

Conversions Part 1

Format	Color
Hex	101E6E
RGB	16, 30, 110
RGB Percent	6%, 12%, 43%
CMY	0.9373, 0.8824, 0.5686
CMYK	0.85, 0.73, 0.00, 0.57
HSL	231°, 75%, 25%
HSV	231°, 85%, 43%
XYZ	3.4924, 2.1645, 14.9856
YIQ	34.9340, -34.0240, 21.9120

Conversions

Conversions Part 2

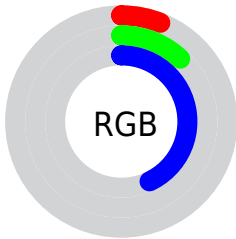
Format	Color
R_{YB}	16, 28, 110
Decimal	1056366
CIE _{Lab}	16.33, 26.88, -47.52
CIE _{LCh}	16, 54.599, 299.495
Yxy	2.1645, 0.1692, 0.1049
Android (android.graphics.Color)	4279246446 (0xFF101E6E)
YUV	34.9340, 37.0075, -16.6051
Hunter-Lab	14.7122, 16.6265, -50.0930

Details

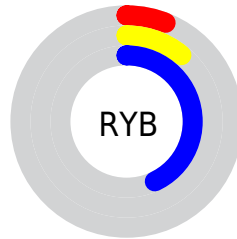
The Hex color **101E6E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **6E6010**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4F4AA3**, and **00003D** is the 20% darker color. If you saturate the color by 10%, you get **05156E**, and if you desaturate by 10%, it is **1B276E**.

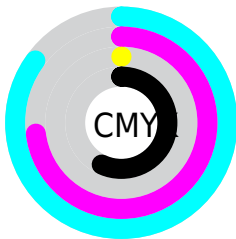
Distribution



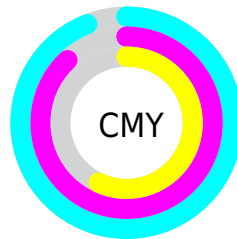
- Red (6%)
- Green (12%)
- Blue (43%)



- Red (6%)
- Yellow (11%)
- Blue (43%)



- Cyan (85%)
- Magenta (73%)
- Yellow (0%)
- Black (57%)



- Cyan (94%)
- Magenta (88%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 101E6E 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 101E6E by changing the saturation by 10% instead.

■ 101E6E

■ 101E6E

FFFFFF

■ 000A55

■ 4F4AA3

■ 00003D

■ 6A62BE

■ 000326

■ 867BDA

■ 00010F

■ A295F7

■ 000000

■ BEAFFF

■ DBCBFF

■ F8E7FF

■ 101E6E

■ 101E6E

■ 05156E

■ 1B276E

■ 00106E

■ 26316E

■ 313A6E

■ 3C436E

■ 474D6E

■ 52566E

■ 5D606E

■ 68696E

■ 73726E

Harmonies

Analogous

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



002F79



101E6E



530051

Triad

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



101E6E



511200



003727

Complementary

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



101E6E



6E6010

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.



003500



101E6E



342700

Square

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



101E6E



640000



063000



00374E

Rectangle

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



101E6E



630038



063000



003619

Sweetspot

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



101E6E



6A6F8F



106E60



313547



C7C7C7



474747

Same Dimension

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



101E6E



00158F



31106E



323338



001278



0025F7

Inverse Universe

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



6E101E



8F0015



4D6E10



383233



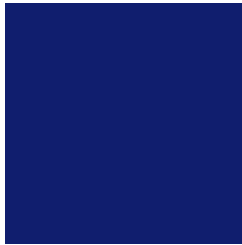
780012



F70025

Previews

White Background



This preview shows how the Hex color 101E6E looks on a white background.

Color Contrast Check

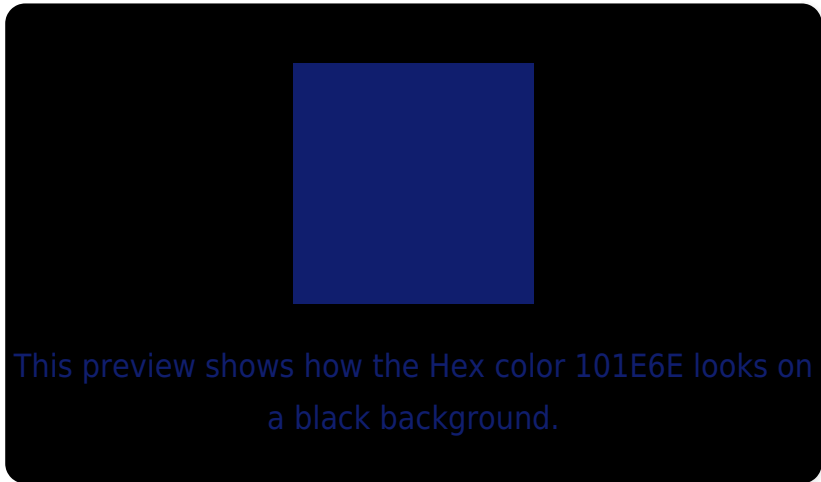
Large Text (above 18pt) WCAG AA ✓ Pass

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

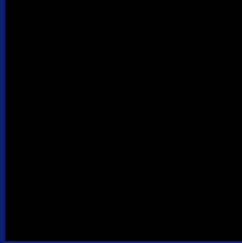
Any Text WCAG AA × Fail

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 101E6E Background



This preview shows how black text looks on a background with the Hex color 101E6E.



This preview shows how white text looks on a background with the Hex color 101E6E.

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
101E6E

Protanopia
002854

Deuteranopia
002B47

Trichromacy



Original Color
101E6E

Protanomaly
06245D

Deuteranomaly
062655

Tritanomaly
062847

Monochromacy



Original Color
101E6E

Achromatopsia
232323

Achromatomaly
1C213E

CSS Examples

Text

The CSS property to change the color of the text to Hex 101E6E 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 #101E6E looks like.

```
.text, #text, p{  
    color:#101E6E  
}
```

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 #101E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #101E6E
}
```

Border

The CSS property to change the border of an element to Hex 101E6E 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
#101E6E }
```

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

```
.border{ border-color:#101E6E }
```

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

Here you see how a box with a 4 pixel #101E6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #101E6E; -webkit-box-shadow:4px 4px  
4px 4px #101E6E; box-shadow:4px 4px 4px  
4px #101E6E }
```

Background

The CSS property to change the background color of an element to Hex 101E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#101E6E }
```

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

```
.background{ background-color:#101E6E }
```

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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