

Converting Colors

Hex(101E78)

Have a look what the booklet for
Hex(101E78) contains.

Hex(101E78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(101E78)

Conversions

Conversions Part 1

Format	Color
Hex	101E78
RGB	16, 30, 120
RGB Percent	6%, 12%, 47%
CMY	0.9373, 0.8824, 0.5294
CMYK	0.87, 0.75, 0.00, 0.53
HSL	232°, 76%, 27%
HSV	232°, 87%, 47%
XYZ	4.0681, 2.3948, 18.0171
YIQ	36.0740, -37.2340, 25.0220

Conversions

Conversions Part 2

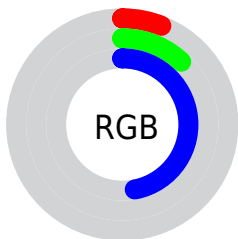
Format	Color
R _Y B	16, 28, 120
Decimal	1056376
CIE Lab	17.44, 30.78, -52.15
CIE LCh	17, 60.558, 300.548
Yxy	2.3948, 0.1662, 0.0978
Android (android.graphics.Color)	4279246456 (0xFF101E78)
YUV	36.0740, 41.3755, -17.6049
Hunter-Lab	15.4750, 19.8432, -58.1970

Details

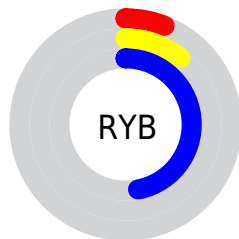
The Hex color **101E78** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **786A10**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **524AAD**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **041478**, and if you desaturate by 10%, it is **1C2878**.

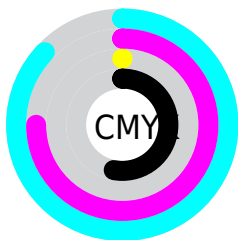
Distribution



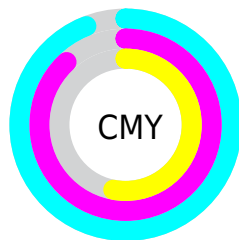
- Red (6%)
- Green (12%)
- Blue (47%)



- Red (6%)
- Yellow (11%)
- Blue (47%)



- Cyan (87%)
- Magenta (75%)
- Yellow (0%)
- Black (53%)



- Cyan (94%)
- Magenta (88%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 101E78 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 101E78 by changing the saturation by 10% instead.

■ 101E78

■ 101E78

FFFFFF

■ 000A5F

■ 524AAD

■ 000046

■ 6E62C9

■ 00042F

■ 8A7BE6

■ 000119

■ A695FF

■ 000000

■ C3B0FF

■ E0CCFF

■ FEE8FF

■ 101E78

■ 101E78

■ 041478

■ 1C2878

■ 001078

■ 283378

■ 343D78

■ 404878

■ 4C5278

■ 585C78

■ 646778

■ 707178

■ 7C7B78

Harmonies

Analogous

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



003285



101E78



5B0057

Triad

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



101E78



561200



003A2B

Complementary

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



101E78



786A10

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.



003800



101E78



352A00

Square

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



101E78



6C0000



003400



003B57

Rectangle

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



101E78



6C003B



003400



003A1B

Sweetspot

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



101E78



73799C



107868



373A4F



CFCFCF



4F4F4F

Same Dimension

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



101E78



00159C



341078



37383D



00117D



0022FC

Inverse Universe

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



78101E



9C0015



547810



3D3738



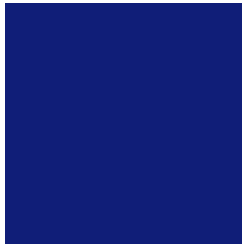
7D0011



FC0022

Previews

White Background



This preview shows how the Hex color 101E78 looks on a white background.

Color Contrast Check

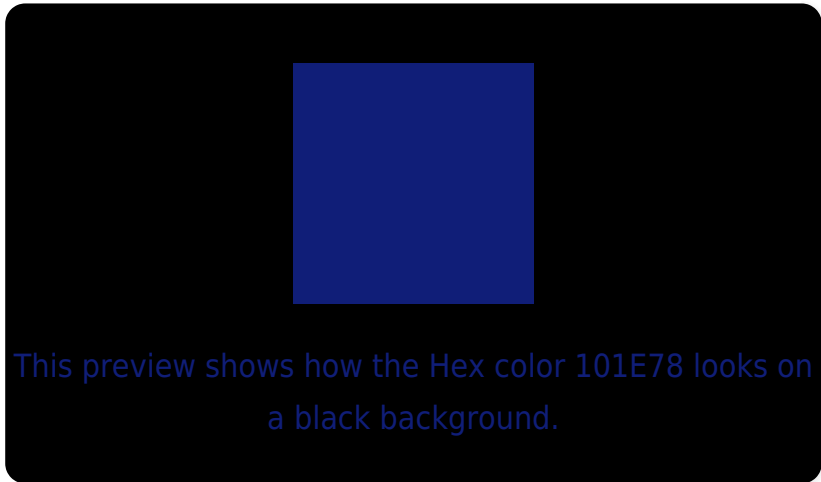
Large Text (above 18pt) WCAG AA ✓ Pass

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

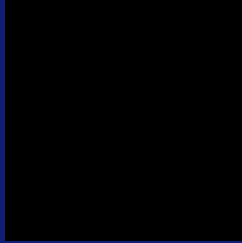
Any Text WCAG AA × Fail

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 101E78 Background



This preview shows how black text looks on a background with the Hex color 101E78.



This preview shows how white text looks on a background with the Hex color 101E78.

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
101E78

Protanopia
002A59

Deuteranopia
002D4B

Trichromacy



Original Color
101E78

Protanomaly
062664

Deuteranomaly
06285B

Tritanomaly
062A4C

Monochromacy



Original Color
101E78

Achromatopsia
242424

Achromatomaly
1D2243

CSS Examples

Text

The CSS property to change the color of the text to Hex 101E78 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 #101E78 looks like.

```
.text, #text, p{  
    color:#101E78  
}
```

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 #101E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #101E78
}
```

Border

The CSS property to change the border of an element to Hex 101E78 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
#101E78 }
```

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

```
.border{ border-color:#101E78 }
```

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

Here you see how a box with a 4 pixel #101E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #101E78; -webkit-box-shadow:4px 4px  
4px 4px #101E78; box-shadow:4px 4px 4px  
4px #101E78 }
```

Background

The CSS property to change the background color of an element to Hex 101E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#101E78 }
```

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

```
.background{ background-color:#101E78 }
```

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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