

Converting Colors

Hex(11457E)

Have a look what the booklet for
Hex(11457E) contains.

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Color

Hex(11457E)

Conversions

Conversions Part 1

Format	Color
Hex	11457E
RGB	17, 69, 126
RGB Percent	7%, 27%, 49%
CMY	0.9333, 0.7294, 0.5059
CMYK	0.87, 0.45, 0.00, 0.51
HSL	211°, 76%, 28%
HSV	211°, 87%, 49%
XYZ	6.1252, 5.8818, 20.5511
YIQ	59.9500, -49.2890, 6.7030

Conversions

Conversions Part 2

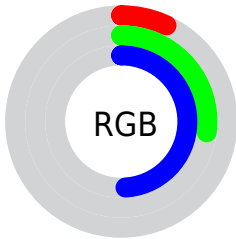
Format	Color
R_{YB}	17, 52, 126
Decimal	1131902
CIE _{Lab}	29.11, 6.01, -36.94
CIE _{LCh}	29, 37.431, 279.243
Yxy	5.8818, 0.1881, 0.1807
Android (android.graphics.Color)	4279321982 (0xFF11457E)
YUV	59.9500, 32.5626, -37.6671
Hunter-Lab	24.2524, 2.6404, -33.2649

Details

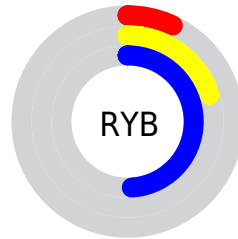
The Hex color **11457E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7E4A11**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5175B3**, and **001B4C** is the 20% darker color. If you saturate the color by 10%, you get **043E7E**, and if you desaturate by 10%, it is **1E4C7E**.

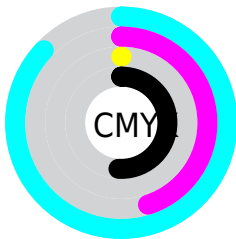
Distribution



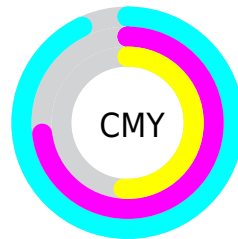
- Red (7%)
- Green (27%)
- Blue (49%)



- Red (7%)
- Yellow (20%)
- Blue (49%)



- Cyan (87%)
- Magenta (45%)
- Yellow (0%)
- Black (51%)



- Cyan (93%)
- Magenta (73%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11457E 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 11457E by changing the saturation by 10% instead.

■ 11457E

■ 11457E

FFFFFF

■ 002F65

■ 5175B3

■ 001B4C

■ 6D8ECF

■ 000335

■ 89A8EB

■ 00021F

■ A5C4FF

■ 000002

■ C1DFFF

■ 000000

■ DEFCFF

■ FCFEFC

■ 11457E

■ 11457E

■ 043E7E

■ 1E4C7E

■ 003C7E

■ 2A527E

■ 37597E

■ 435F7E

■ 50667E

■ 5D6D7E

■ 69737E

■ 767A7E

■ 82807E

Harmonies

Analogous

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



004D7B



11457E



513972

Triad

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



11457E



743021



00512F

Complementary

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



11457E



7E4A11

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.



2B4D14



11457E



633C0A

Square

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



11457E



79283D



4B4602



00524D

Rectangle

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



11457E



673063



4B4602



045025

Sweetspot

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



11457E



798DA3



117E49



384452



D1D1D1



525252

Same Dimension

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



11457E



004EA3



13117E



393C40



003D80



000000

Inverse Universe

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



7E1145



A3004E



7C7E11



40393C



80003D



000000

Previews

White Background



This preview shows how the Hex color 11457E looks on a white background.

Color Contrast Check

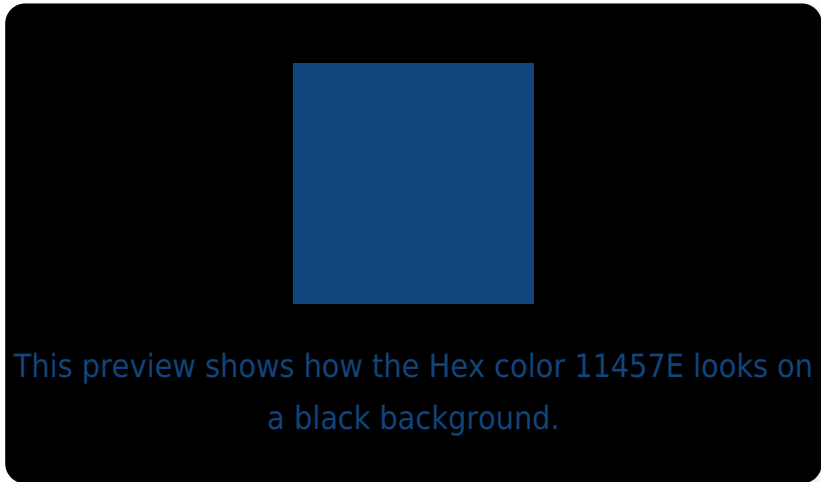
Large Text (above 18pt) WCAG AA ✓ Pass

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

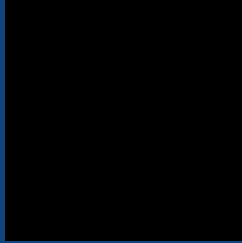
Any Text WCAG AA × Fail

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 11457E Background



This preview shows how black text looks on a background with the Hex color 11457E.



This preview shows how white text looks on a background with the Hex color 11457E.

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
11457E

Protanopia
29437C

Deuteranopia
00467C

Trichromacy



Original Color
11457E

Protanomaly
20447D

Deuteranomaly
06467D

Tritanomaly
064962

Monochromacy



Original Color
11457E

Achromatopsia
3C3C3C

Achromatomaly
2C3F54

CSS Examples

Text

The CSS property to change the color of the text to Hex 11457E 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 #11457E looks like.

```
.text, #text, p{  
    color:#11457E  
}
```

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 #11457E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11457E
}
```

Border

The CSS property to change the border of an element to Hex 11457E is called "border". The border property can be set on classes, ids or directly on the HTML element.

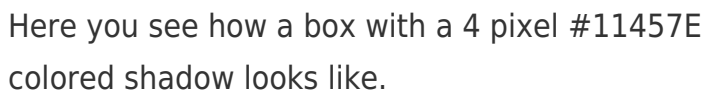
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#11457E }
```

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

```
.border{ border-color:#11457E }
```

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



Here you see how a box with a 4 pixel #11457E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11457E; -webkit-box-shadow:4px 4px  
4px 4px #11457E; box-shadow:4px 4px 4px  
4px #11457E }
```

Background

The CSS property to change the background color of an element to Hex 11457E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11457E }
```

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

```
.background{ background-color:#11457E }
```

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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