

# Converting Colors

Hex(11487F)

Have a look what the booklet for  
Hex(11487F) contains.

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# Color

**Hex(11487F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	11487F
RGB	17, 72, 127
RGB Percent	7%, 28%, 50%
CMY	0.9333, 0.7176, 0.5020
CMYK	0.87, 0.43, 0.00, 0.50
HSL	210°, 76%, 28%
HSV	210°, 87%, 50%
XYZ	6.3793, 6.2862, 20.9558
YIQ	61.8250, -50.4350, 5.4450

# Conversions

## Conversions Part 2

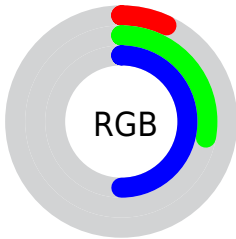
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 54, 127
Decimal	1132671
CIE Lab	30.12, 4.39, -35.95
CIE LCh	30, 36.216, 276.960
Yxy	6.2862, 0.1897, 0.1870
Android (android.graphics.Color)	4279322751 (0xFF11487F)
YUV	61.8250, 32.1313, -39.3115
Hunter-Lab	25.0723, 1.5403, -32.0048

# Details

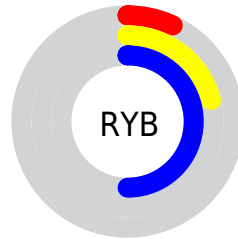
The Hex color **11487F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7F4811**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5278B4**, and **001D4D** is the 20% darker color. If you saturate the color by 10%, you get **04427F**, and if you desaturate by 10%, it is **1E4E7F**.

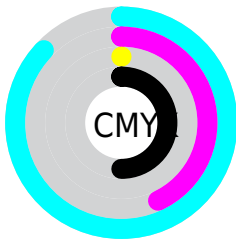
# Distribution



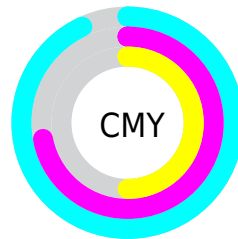
- Red (7%)
- Green (28%)
- Blue (50%)



- Red (7%)
- Yellow (21%)
- Blue (50%)



- Cyan (87%)
- Magenta (43%)
- Yellow (0%)
- Black (50%)



- Cyan (93%)
- Magenta (72%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 11487F 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 11487F by changing the saturation by 10% instead.



■ 11487F

■ 11487F

FFFFFF

■ 003266

■ 5278B4

■ 001D4D

■ 6D92D0

■ 000236

■ 89ACEC

■ 000220

■ A5C7FF

■ 000004

■ C2E3FF

■ 000000

■ DFFFFF

■ FFFFFFFF

■ 11487F

■ 11487F

■ 04427F

■ 1E4E7F

■ 00407F

■ 2A557F

■ 375B7F

■ 44617F

■ 51687F

■ 5D6E7F

■ 6A747F

■ 777B7F

■ 83817F

# Harmonies

## Analogous

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



00507B



11487F



503D74

# Triad

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



11487F



763227



005330

# Complementary

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



11487F



7F4811

# 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.



314F16



11487F



673D11

# Square

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



11487F



7A2C42



4F4807



00544D

# Rectangle

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



11487F



663466



4F4807



135227



# Sweetspot

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



11487F



7B90A6



117F48



3A4754



D4D4D4



545454



# Same Dimension

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



11487F



0053A6



11117F



393D40



004080



000000



# Inverse Universe

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



7F1148



A60053



7F7F11



40393D



800040



000000



# Previews

## White Background



This preview shows how the Hex color 11487F looks on a white background.

## Color Contrast Check

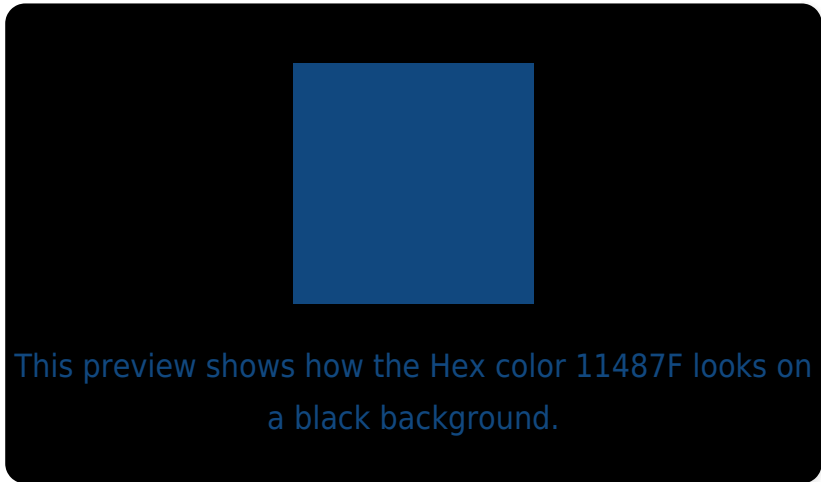
Large Text (above 18pt) WCAG AA ✓ Pass

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

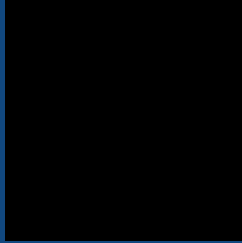
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 11487F Background



This preview shows how black text looks on a background with the Hex color 11487F.



This preview shows how white text looks on a background with the Hex color 11487F.

# 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**


11487F

**Protanopia**

2E457C

**Deuteranopia**

0F487F



**Tritanopia**  
004F54

# Trichromacy



**Original Color**  
11487F

**Protanomaly**  
23467D

**Deuteranomaly**  
10487F

**Tritanomaly**  
064C64

# Monochromacy



**Original Color**  
11487F

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
2E4256

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11487F 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 #11487F looks like.

```
.text, #text, p{  
    color:#11487F  
}
```

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 #11487F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11487F
}
```

## Border

The CSS property to change the border of an element to Hex 11487F is called "border". The border property can be set on classes, ids or directly on the HTML element.

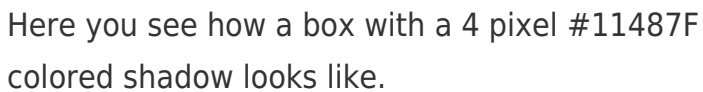
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#11487F }
```

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

```
.border{ border-color:#11487F }
```

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



Here you see how a box with a 4 pixel #11487F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11487F; -webkit-box-shadow:4px 4px  
4px 4px #11487F; box-shadow:4px 4px 4px  
4px #11487F }
```

# Background

The CSS property to change the background color of an element to Hex 11487F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11487F }
```

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

```
.background{ background-color:#11487F }
```

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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