

Converting Colors

Hex(12487F)

Have a look what the booklet for
Hex(12487F) contains.

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Color

Hex(12487F)

Conversions

Conversions Part 1

Format	Color
Hex	12487F
RGB	18, 72, 127
RGB Percent	7%, 28%, 50%
CMY	0.9294, 0.7176, 0.5020
CMYK	0.86, 0.43, 0.00, 0.50
HSL	210°, 75%, 28%
HSV	210°, 86%, 50%
XYZ	6.3976, 6.2956, 20.9567
YIQ	62.1240, -49.8390, 5.6570

Conversions

Conversions Part 2

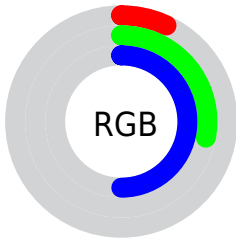
Format	Color
R_{YB}	18, 54, 127
Decimal	1198207
CIE _{Lab}	30.15, 4.48, -35.91
CIE _{LCh}	30, 36.190, 277.116
Yxy	6.2956, 0.1901, 0.1871
Android (android.graphics.Color)	4279388287 (0xFF12487F)
YUV	62.1240, 31.9839, -38.6967
Hunter-Lab	25.0911, 1.6035, -31.9566

Details

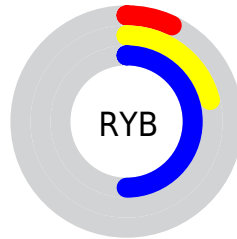
The Hex color **12487F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7F4912**, and the grayscale version is **3E3E3E**.

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 **05427F**, and if you desaturate by 10%, it is **1F4E7F**.

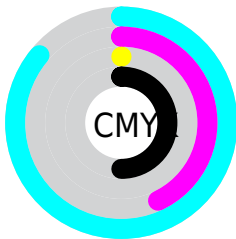
Distribution



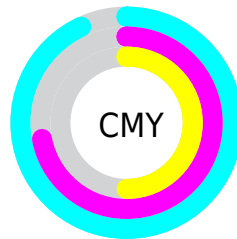
- Red (7%)
- Green (28%)
- Blue (50%)



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



- Cyan (86%)
- Magenta (43%)
- Yellow (0%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 12487F 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 12487F by changing the saturation by 10% instead.

■ 12487F

■ 12487F

FFFFFF

■ 003266

■ 5278B4

■ 001D4D

■ 6E92D0

■ 000236

■ 8AACEC

■ 000220

■ A6C7FF

■ 000004

■ C2E3FF

■ 000000

■ DFFFFF

■ FDFFFF

■ 12487F

■ 12487F

■ 05427F

■ 1F4E7F

■ 003F7F

■ 2B557F

■ 385B7F

■ 45627F

■ 52687F

■ 5E6E7F

■ 6B757F

■ 787B7F

■ 84827F

Harmonies

Analogous

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



00507B



12487F



513D74

Triad

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



12487F



763227



005330

Complementary

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



12487F



7F4912

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



12487F



673E11

Square

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



12487F



7A2C41



4F4807



00544D

Rectangle

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



12487F



663466



4F4807



135227

Sweetspot

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



12487F



7B90A6



127F49



3A4754



D4D4D4



545454

Same Dimension

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



12487F



0052A6



12127F



393D40



003F80



000000

Inverse Universe

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



7F1248



A60052



7F7F12



40393D



80003F



000000

Previews

White Background



This preview shows how the Hex color 12487F looks on a white background.

Color Contrast Check

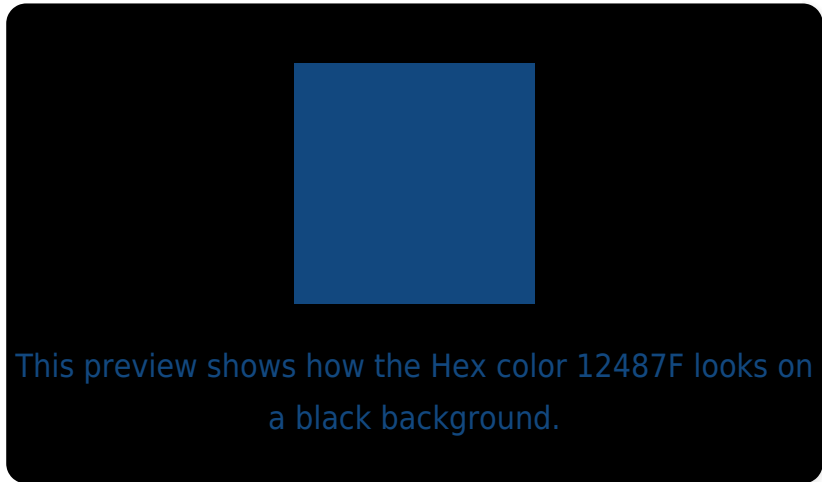
Large Text (above 18pt) WCAG AA ✓ Pass

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

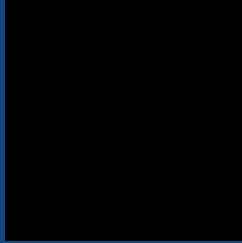
Any Text WCAG AA × Fail

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 12487F Background



This preview shows how black text looks on a background with the Hex color 12487F.

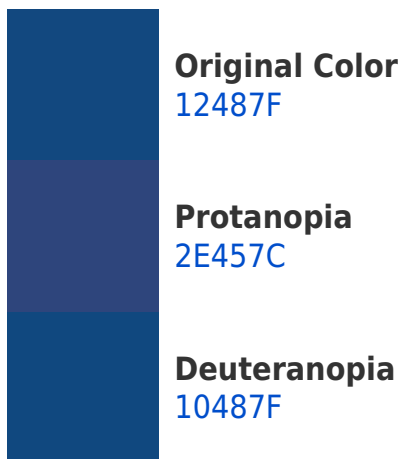


This preview shows how white text looks on a background with the Hex color 12487F.

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](#).

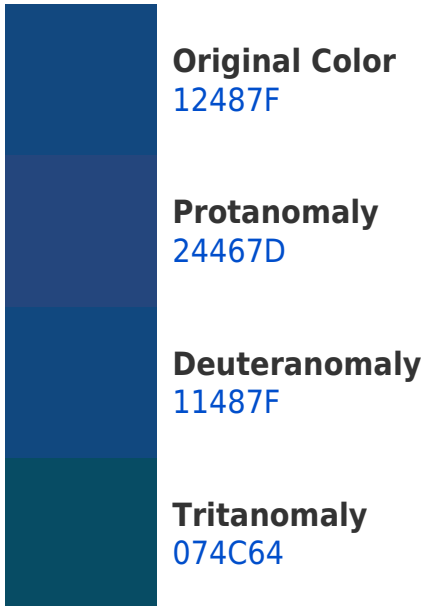
Dichromacy





Tritanopia
004F54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 12487F 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 #12487F looks like.

```
.text, #text, p{  
    color:#12487F  
}
```

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 #12487F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12487F
}
```

Border

The CSS property to change the border of an element to Hex 12487F is called "border". The border property can be set on classes, ids or directly on the HTML element.

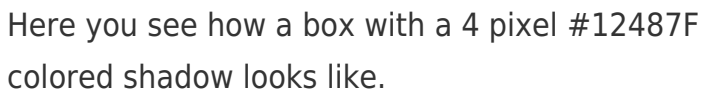
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12487F }
```

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

```
.border{ border-color:#12487F }
```

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



Here you see how a box with a 4 pixel #12487F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12487F; -webkit-box-shadow:4px 4px  
4px 4px #12487F; box-shadow:4px 4px 4px  
4px #12487F }
```

Background

The CSS property to change the background color of an element to Hex 12487F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12487F }
```

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

```
.background{ background-color:#12487F }
```

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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