

# Converting Colors

Hex(0F467F)

Have a look what the booklet for  
Hex(0F467F) contains.

<b>Hex(0F467F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0F467F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F467F
RGB	15, 70, 127
RGB Percent	6%, 27%, 50%
CMY	0.9412, 0.7255, 0.5020
CMYK	0.88, 0.45, 0.00, 0.50
HSL	211°, 79%, 28%
HSV	211°, 88%, 50%
XYZ	6.2179, 6.0142, 20.9118
YIQ	60.0530, -51.0770, 6.0670

# Conversions

## Conversions Part 2

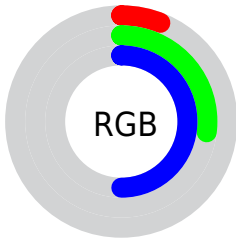
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 52, 127
Decimal	1001087
CIE <sub>Lab</sub>	29.45, 5.57, -37.03
CIE <sub>LCh</sub>	29, 37.449, 278.554
Yxy	6.0142, 0.1876, 0.1815
Android (android.graphics.Color)	4279191167 (0xFF0F467F)
YUV	60.0530, 33.0049, -39.5115
Hunter-Lab	24.5238, 2.3413, -33.3907

# Details

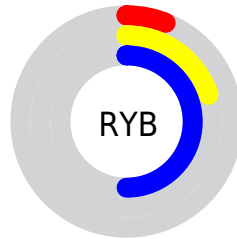
The Hex color **0F467F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7F480F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5176B4**, and **001C4D** is the 20% darker color. If you saturate the color by 10%, you get **02407F**, and if you desaturate by 10%, it is **1C4C7F**.

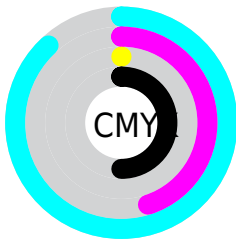
# Distribution



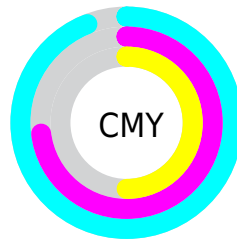
- Red (6%)
- Green (27%)
- Blue (50%)



- Red (6%)
- Yellow (20%)
- Blue (50%)



- Cyan (88%)
- Magenta (45%)
- Yellow (0%)
- Black (50%)



- Cyan (94%)
- Magenta (73%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F467F 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 0F467F by changing the saturation by 10% instead.



0F467F

0F467F

FFFFFF

003066

5176B4

001C4D

6D8FD0

000236

89AAEC

000220

A5C5FF

000004

C1E1FF

000000

DEFDFF

FCFFFF

0F467F

0F467F

■ 02407F

■ 1C4C7F

■ 003E7F

■ 28537F

■ 35597F

■ 42607F

■ 4F667F

■ 5B6D7F

■ 68737F

■ 757A7F

■ 81807F

# Harmonies

## Analogous

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



004E7B



0F467F



513A73

# Triad

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



0F467F



753023



00522F

# Complementary

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



0F467F



7F480F

# 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.



2D4E14



0F467F



653C0B

# Square

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



0F467F



79293E



4C4703



00534D

# Rectangle

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



0F467F



673164



4C4703



085125



# Sweetspot

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



0F467F



7B90A6



0F7F47



3A4754



D4D4D4



545454



# Same Dimension

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



0F467F



0051A6



0F0F7F



393D40



003F80



000000



# Inverse Universe

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



7F0F46



A60051



7F7F0F



40393D



80003F



000000



# Previews

## White Background



This preview shows how the Hex color 0F467F looks on a white background.

## Color Contrast Check

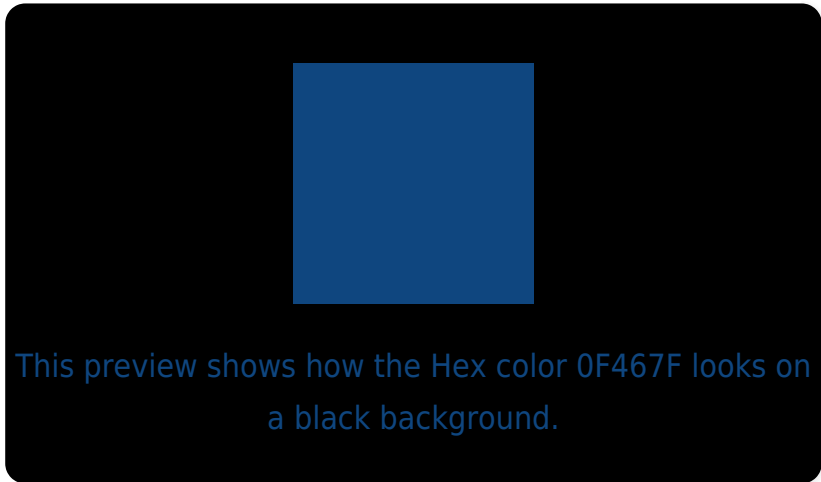
Large Text (above 18pt) WCAG AA ✓ Pass

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

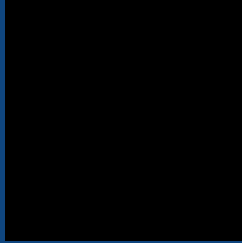
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F467F Background



This preview shows how black text looks on a background with the Hex color 0F467F.



This preview shows how white text looks on a background with the Hex color 0F467F.

# 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**  
0F467F

**Protanopia**  
2A447C

**Deuteranopia**  
00477D



# Trichromacy



**Original Color**  
0F467F

**Protanomaly**  
20457D

**Deuteranomaly**  
05477E

**Tritanomaly**  
054A62

# Monochromacy



**Original Color**  
0F467F

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
2C4054

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F467F 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 #0F467F looks like.

```
.text, #text, p{  
    color:#0F467F  
}
```

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 #0F467F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F467F
}
```

## Border

The CSS property to change the border of an element to Hex 0F467F 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
#0F467F }
```

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

```
.border{ border-color:#0F467F }
```

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

Here you see how a box with a 4 pixel #0F467F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F467F; -webkit-box-shadow:4px 4px  
4px 4px #0F467F; box-shadow:4px 4px 4px  
4px #0F467F }
```

# Background

The CSS property to change the background color of an element to Hex 0F467F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F467F }
```

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

```
.background{ background-color:#0F467F }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor