

# Converting Colors

Hex(11516E)

Have a look what the booklet for  
Hex(11516E) contains.

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# Color

**Hex(11516E)**

# Conversions

Conversions Part 1	
Format	Color
Hex	11516E
RGB	17, 81, 110
RGB Percent	7%, 32%, 43%
CMY	0.9333, 0.6824, 0.5686
CMYK	0.85, 0.26, 0.00, 0.57
HSL	199°, 73%, 25%
HSV	199°, 85%, 43%
XYZ	5.9881, 7.1298, 15.8124
YIQ	65.1700, -47.4530, -4.5490

# Conversions

## Conversions Part 2

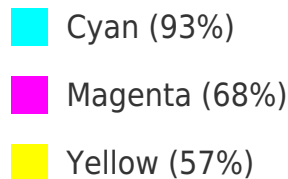
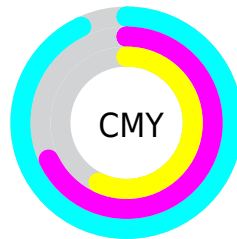
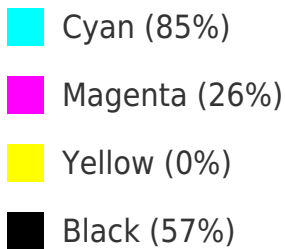
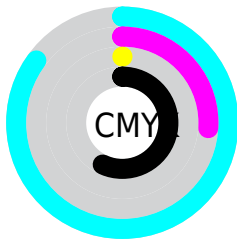
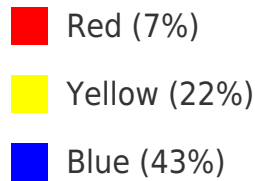
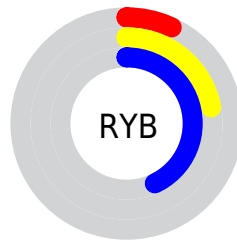
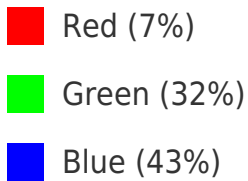
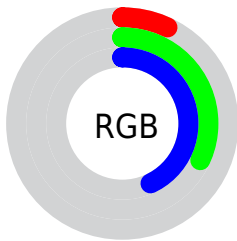
Format	Color
<a href="#">RYB</a>	<a href="#">17, 55, 110</a>
Decimal	<a href="#">1134958</a>
CIELab	<a href="#">32.10, -8.38, -22.19</a>
CIELCh	<a href="#">32, 23.722, 249.323</a>
Yxy	<a href="#">7.1298, 0.2070, 0.2464</a>
Android (android.graphics.Color)	<a href="#">4279325038</a> (0xFF11516E)
YUV	<a href="#">65.1700, 22.1012, -42.2451</a>
Hunter-Lab	<a href="#">26.7017, -6.6980, -16.4196</a>

# Details

The Hex color **11516E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6E2E11**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4E82A2**, and **00253E** is the 20% darker color. If you saturate the color by 10%, you get **064E6E**, and if you desaturate by 10%, it is **1C546E**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the Hex color 11516E 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 11516E by changing the saturation by 10% instead.



 11516E

 11516E

FFFFFF

 003A56

 4E82A2

 00253E

 699CBD

 001028

 84B7D9

 000113


 A0D3F5


 000000

 BCEFFF

 D8FFFF

 F6FFFF

 11516E

 11516E

 064E6E

 1C546E

 004C6E

 27586E

 325B6E

 3D5F6E

 48626E

 53666E

 5E696E

 696C6E

 74706E

# Harmonies

## Analogous

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



005463



11516E



394B70

# Triad

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



11516E



6F3D46



3D512E

# Complementary

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



11516E



6E2E11

# 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.



524C26



11516E



6D4035

# Square

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



11516E



673F59



624629



25543E

# Rectangle

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



11516E



4D476C



624629



45502A



# Sweetspot

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



11516E



6B848F



116E2D



324147



C7C7C7



474747



# Same Dimension

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



11516E



00628F



11246E



323638



005278



00AAF7



# Inverse Universe

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



6E1151



8F0062



6E5B11



383236



780052



F700AA



# Previews

## White Background



This preview shows how the Hex color 11516E 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



This preview shows how the Hex color 11516E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

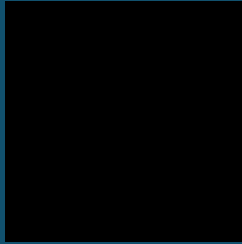
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 11516E Background



This preview shows how black text looks on a background with the Hex color 11516E.



This preview shows how white text looks on a background with the Hex color 11516E.

# 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**  
11516E

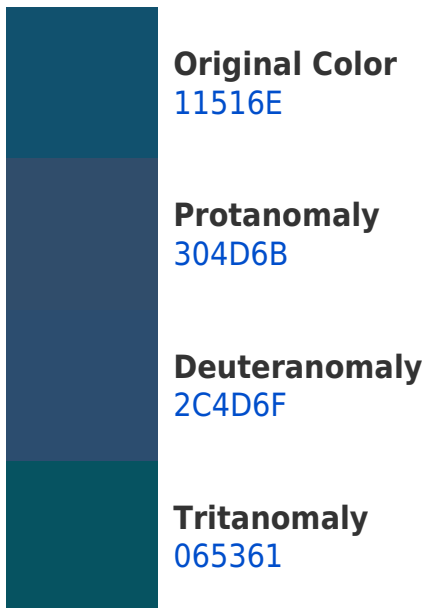
**Protanopia**  
424A69

**Deuteranopia**  
3C4B6F

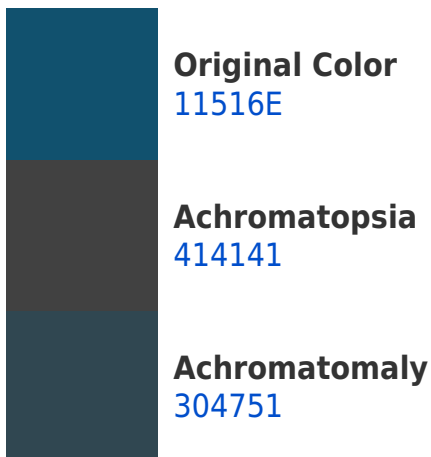


**Tritanopia**  
00545A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11516E 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 #11516E looks like.

```
.text, #text, p{  
    color:#11516E  
}
```

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 #11516E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11516E
}
```

## Border

The CSS property to change the border of an element to Hex 11516E 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
#11516E }
```

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

```
.border{ border-color:#11516E }
```

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

Here you see how a box with a 4 pixel #11516E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11516E; -webkit-box-shadow:4px 4px  
4px 4px #11516E; box-shadow:4px 4px 4px  
4px #11516E }
```

# Background

The CSS property to change the background color of an element to Hex 11516E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11516E }
```

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

```
.background{ background-color:#11516E }
```

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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