

# Converting Colors

Hex(125B6E)

Have a look what the booklet for  
Hex(125B6E) contains.

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# Color

Hex(125B6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	125B6E
RGB	18, 91, 110
RGB Percent	7%, 36%, 43%
CMY	0.9294, 0.6431, 0.5686
CMYK	0.84, 0.17, 0.00, 0.57
HSL	192°, 72%, 25%
HSV	192°, 84%, 43%
XYZ	6.8050, 8.7366, 16.0795
YIQ	71.3390, -49.6070, -9.5670

# Conversions

## Conversions Part 2

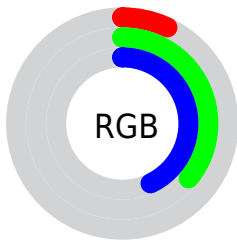
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 59, 110
Decimal	1203054
CIELab	35.47, -14.24, -16.97
CIELCh	35, 22.155, 229.992
Yxy	8.7366, 0.2152, 0.2763
Android (android.graphics.Color)	4279393134 (0xFF125B6E)
YUV	71.3390, 19.0599, -46.7783
Hunter-Lab	29.5577, -10.6302, -11.5637

# Details

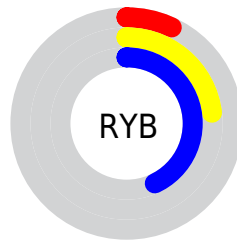
The Hex color **125B6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E2512**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4F8DA2**, and **002D3E** is the 20% darker color. If you saturate the color by 10%, you get **07596E**, and if you desaturate by 10%, it is **1D5D6E**.

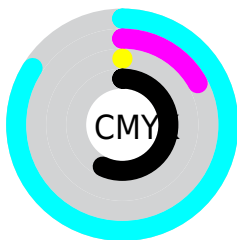
# Distribution



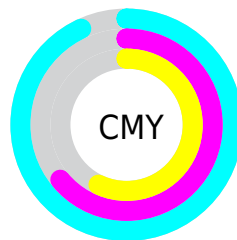
- Red (7%)
- Green (36%)
- Blue (43%)



- Red (7%)
- Yellow (23%)
- Blue (43%)



- Cyan (84%)
- Magenta (17%)
- Yellow (0%)
- Black (57%)



- Cyan (93%)
- Magenta (64%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 125B6E 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 125B6E by changing the saturation by 10% instead.



 125B6E

 125B6E

FFFFFF

 004356

 4F8DA2

 002D3E

 6AA8BD

 001A28

 86C3D8

 000114

 A1DFF5

 000000

 BEFCFF

 DAFFFF

 F8FFFF

 125B6E

 125B6E

■ 07596E

■ 1D5D6E

■ 00576E

■ 28606E

■ 33626E

■ 3E646E

■ 49666E

■ 54696E

■ 5F6B6E

■ 6A6D6E

■ 756F6E

# Harmonies

## Analogous

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



105D5F



125B6E



305776

# Triad

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



125B6E



72465A



535632

# Complementary

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



125B6E



6E2512

# 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.



645031



125B6E



764648

# Square

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



125B6E



644B6A



714A39



3F5A3C

# Rectangle

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



125B6E



445376



714A39



595430



# Sweetspot

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



125B6E



6B878F



126E24



324347



C7C7C7



474747



# Same Dimension

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



125B6E



00718F



122E6E



323738



005F78



00C4F7



# Inverse Universe

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



6E125B



8F0071



6E5212



383237



78005F



F700C4



# Previews

## White Background



This preview shows how the Hex color 125B6E looks on a white background.

## Color Contrast Check

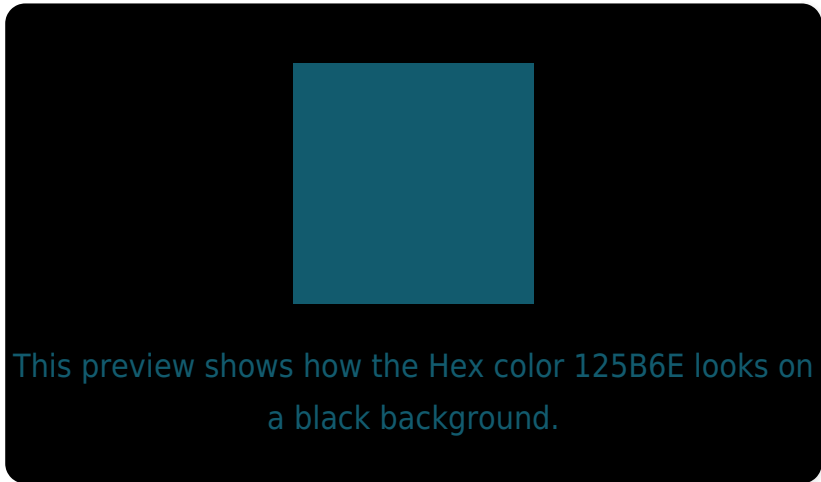
Large Text (above 18pt) WCAG AA ✓ Pass

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

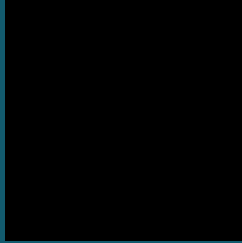
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

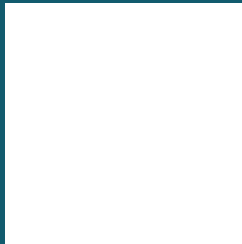
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 125B6E Background



This preview shows how black text looks on a background with the Hex color 125B6E.

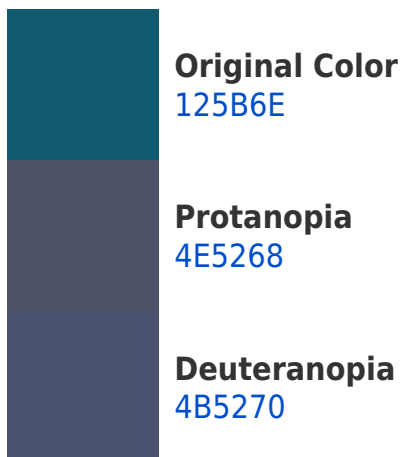


This preview shows how white text looks on a background with the Hex color 125B6E.

# 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](#).

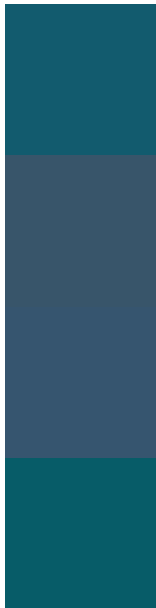
## Dichromacy





**Tritanopia**  
005D64

# Trichromacy



**Original Color**  
125B6E

**Protanomaly**  
38556A

**Deuteranomaly**  
36556F

**Tritanomaly**  
075C68

# Monochromacy



**Original Color**  
125B6E

**Achromatopsia**  
474747

**Achromatomaly**  
344E55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 125B6E 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 #125B6E looks like.

```
.text, #text, p{  
    color:#125B6E  
}
```

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 #125B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125B6E
}
```

## Border

The CSS property to change the border of an element to Hex 125B6E 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
#125B6E }
```

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

```
.border{ border-color:#125B6E }
```

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

Here you see how a box with a 4 pixel #125B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125B6E; -webkit-box-shadow:4px 4px  
4px 4px #125B6E; box-shadow:4px 4px 4px  
4px #125B6E }
```

# Background

The CSS property to change the background color of an element to Hex 125B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125B6E }
```

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

```
.background{ background-color:#125B6E }
```

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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