

# Converting Colors

Hex(125787)

Have a look what the booklet for  
Hex(125787) contains.

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# Color

**Hex(125787)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	125787
RGB	18, 87, 135
RGB Percent	7%, 34%, 53%
CMY	0.9294, 0.6588, 0.4706
CMYK	0.87, 0.36, 0.00, 0.47
HSL	205°, 76%, 30%
HSV	205°, 87%, 53%
XYZ	8.0308, 8.6943, 24.1766
YIQ	71.8410, -56.5320, 0.3000

# Conversions

## Conversions Part 2

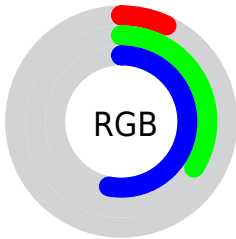
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 61, 135
Decimal	1202055
CIE <sub>Lab</sub>	35.39, -2.10, -32.51
CIE <sub>LCh</sub>	35, 32.575, 266.304
Yxy	8.6943, 0.1963, 0.2126
Android (android.graphics.Color)	4279392135 (0xFF125787)
YUV	71.8410, 31.1374, -47.2186
Hunter-Lab	29.4860, -2.9842, -27.9736

# Details

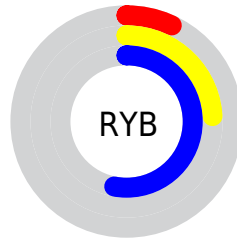
The Hex color **125787** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **874212**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5489BD**, and **002A55** is the 20% darker color. If you saturate the color by 10%, you get **045187**, and if you desaturate by 10%, it is **1F5D87**.

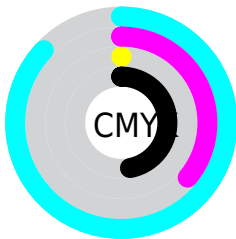
# Distribution



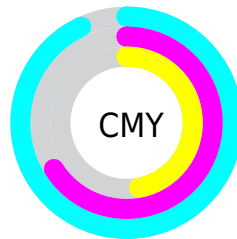
- Red (7%)
- Green (34%)
- Blue (53%)



- Red (7%)
- Yellow (24%)
- Blue (53%)



- Cyan (87%)
- Magenta (36%)
- Yellow (0%)
- Black (47%)



- Cyan (93%)
- Magenta (66%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 125787 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 125787 by changing the saturation by 10% instead.



■ 125787

■ 125787

FFFFFF

■ 00406D

■ 5489BD

■ 002A55

■ 70A3D8

■ 00163D

■ 8DBEF5

■ 000327

■ A9D9FF

■ 000111

■ C6F6FF

■ 000000

■ E3FFFF

■ 125787

■ 125787

■ 045187

■ 1F5D87

■ 005087

■ 2D6287

■ 3A6887

■ 486D87

■ 567387

■ 637887

■ 717E87

■ 7E8387

■ 8B8987

# Harmonies

## Analogous

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



005D7E



125787



4F4E82

# Triad

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



125787



833F3E



2A5E35

# Complementary

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



125787



874212

# 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.



4B5922



125787



784728

# Square

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



125787



813D58



65511D



00604F

# Rectangle

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



125787



674777



65511D



375C2E



# Sweetspot

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



125787



829DB0



128741



3E4E59



D9D9D9



595959



# Same Dimension

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



125787



0068B0



121E87



3C4042



004D82



000203



# Inverse Universe

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



871257



B00068



877B12



423C40



82004D



030002



# Previews

## White Background



This preview shows how the Hex color 125787 looks on a white background.

## Color Contrast Check

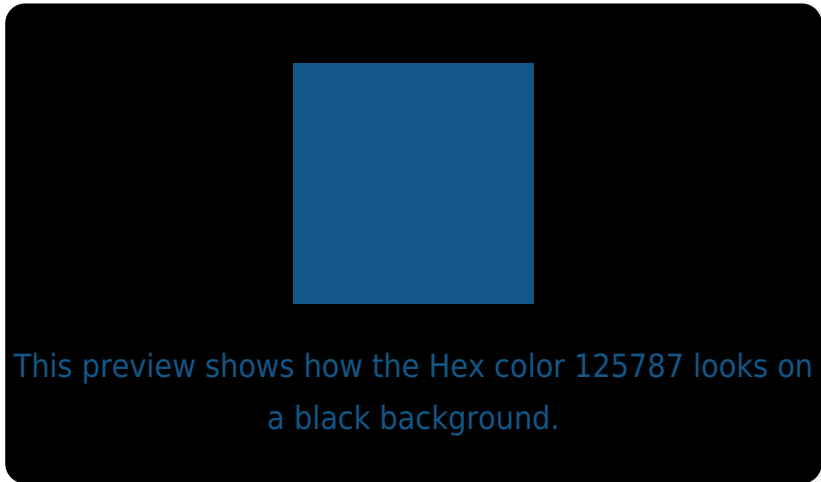
Large Text (above 18pt) WCAG AA ✓ Pass

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

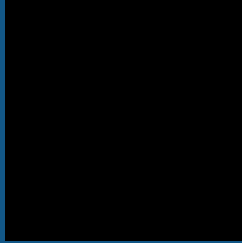
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 125787 Background



This preview shows how black text looks on a background with the Hex color 125787.

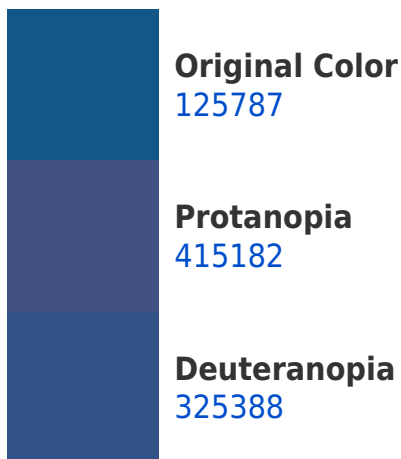


This preview shows how white text looks on a background with the Hex color 125787.

# 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](#).

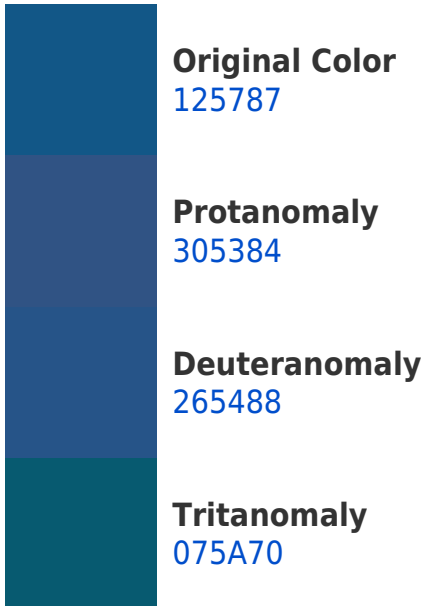
## Dichromacy



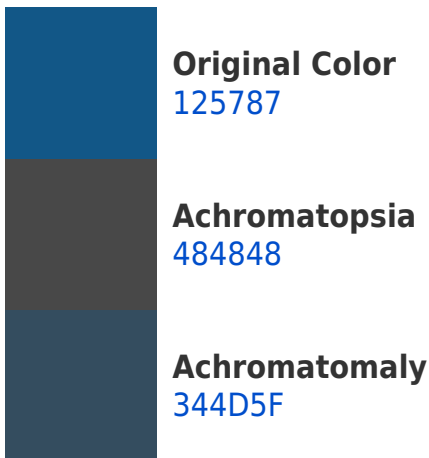


**Tritanopia**  
005C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 125787 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 #125787 looks like.

```
.text, #text, p{  
    color:#125787  
}
```

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 #125787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125787
}
```

## Border

The CSS property to change the border of an element to Hex 125787 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
#125787 }
```

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

```
.border{ border-color:#125787 }
```

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

Here you see how a box with a 4 pixel #125787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125787; -webkit-box-shadow:4px 4px  
4px 4px #125787; box-shadow:4px 4px 4px  
4px #125787 }
```

# Background

The CSS property to change the background color of an element to Hex 125787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125787 }
```

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

```
.background{ background-color:#125787 }
```

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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