

# Converting Colors

Hex(127667)

Have a look what the booklet for  
Hex(127667) contains.

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# Color

Hex(127667)

# Conversions

## Conversions Part 1

Format	Color
Hex	127667
RGB	18, 118, 103
RGB Percent	7%, 46%, 40%
CMY	0.9294, 0.5373, 0.5961
CMYK	0.85, 0.00, 0.13, 0.54
HSL	171°, 74%, 27%
HSV	171°, 85%, 46%
XYZ	9.1761, 14.0647, 15.0631
YIQ	86.3900, -54.7850, -25.8650

# Conversions

## Conversions Part 2

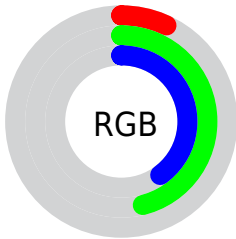
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 72, 118
Decimal	1209959
CIELab	44.33, -30.65, 0.57
CIELCh	44, 30.656, 178.932
Yxy	14.0647, 0.2396, 0.3672
Android (android.graphics.Color)	4279400039 (0xFF127667)
YUV	86.3900, 8.1887, -59.9780
Hunter-Lab	37.5030, -21.9556, 2.4382

# Details

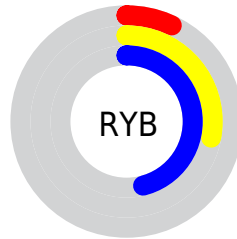
The Hex color **127667** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **761221**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **53AB9A**, and **004538** is the 20% darker color. If you saturate the color by 10%, you get **067665**, and if you desaturate by 10%, it is **1E7669**.

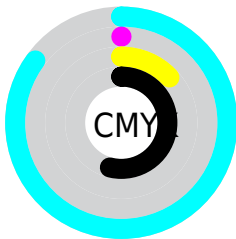
# Distribution



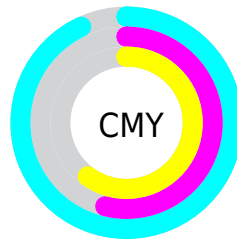
- Red (7%)
- Green (46%)
- Blue (40%)



- Red (7%)
- Yellow (28%)
- Blue (46%)



- Cyan (85%)
- Magenta (0%)
- Yellow (13%)
- Black (54%)



- Cyan (93%)
- Magenta (54%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 127667 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 127667 by changing the saturation by 10% instead.



 127667

 127667

FFFFFF

 005D4F

 53AB9A

 004538

 6FC6B5

 002E23

 8AE3D0

 00180D

 A7FFED

 000000

 C3FFFF

 E0FFFF

 FEFFFF

 127667

 127667

■ 067665

■ 1E7669

■ 007664

■ 2A766B

■ 35766C

■ 41766E

■ 4D7670

■ 597672

■ 657673

■ 707675

■ 7C7677

# Harmonies

## Analogous

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



40744E



127667



007681

# Triad

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



127667



6A6395



8E5E3E

# Complementary

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



127667



761221

# 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.



995652



127667



885983

# Square

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



127667



3E6C9B



97546B



7A6735

# Rectangle

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



127667



00748F



97546B



935B43



# Sweetspot

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



127667



739993



217612



364D49



CCCCCC



4D4D4D



# Same Dimension

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



127667



009982



125376



353B3A



007A68



00FAD4



# Inverse Universe

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



761221



990017



763512



3B3536



7A0012



FA0025



# Previews

## White Background



This preview shows how the Hex color 127667 looks on a white background.

## Color Contrast Check

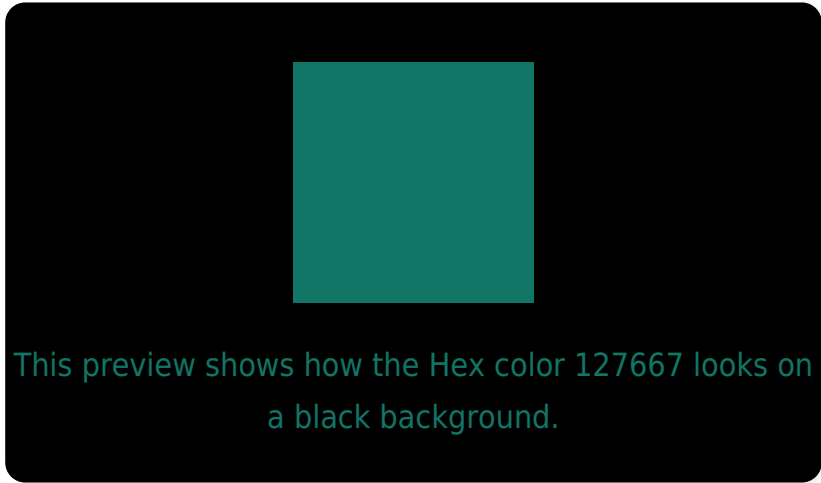
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

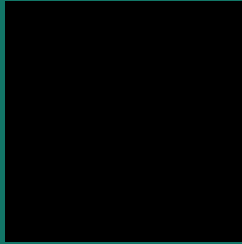
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 127667 Background



This preview shows how black text looks on a background with the Hex color 127667.

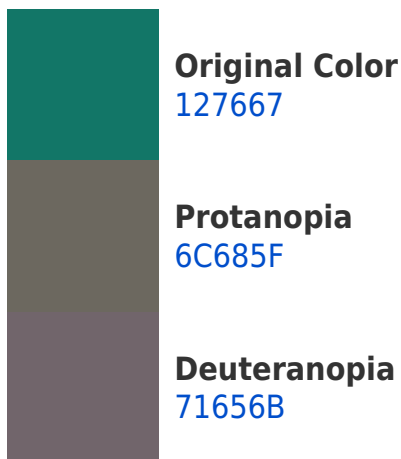


This preview shows how white text looks on a background with the Hex color 127667.

# 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**  
24737C

# Trichromacy



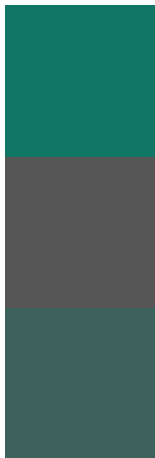
**Original Color**  
127667

**Protanomaly**  
4B6D62

**Deuteranomaly**  
4E6B6A

**Tritanomaly**  
1D7474

# Monochromacy



**Original Color**  
127667

**Achromatopsia**  
565656

**Achromatomaly**  
3D625C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 127667 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 #127667 looks like.

```
.text, #text, p{  
    color:#127667  
}
```

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 #127667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127667  
}
```

## Border

The CSS property to change the border of an element to Hex 127667 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  
#127667 }
```

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

```
.border{ border-color:#127667 }
```

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

Here you see how a box with a 4 pixel #127667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127667; -webkit-box-shadow:4px 4px  
4px 4px #127667; box-shadow:4px 4px 4px  
4px #127667 }
```

# Background

The CSS property to change the background color of an element to Hex 127667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127667 }
```

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

```
.background{ background-color:#127667 }
```

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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