

Converting Colors

Hex(127A6D)

Have a look what the booklet for
Hex(127A6D) contains.

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Color

Hex(127A6D)

Conversions

Conversions Part 1

Format	Color
Hex	127A6D
RGB	18, 122, 109
RGB Percent	7%, 48%, 43%
CMY	0.9294, 0.5216, 0.5725
CMYK	0.85, 0.00, 0.11, 0.52
HSL	172°, 74%, 27%
HSV	172°, 85%, 48%
XYZ	9.9693, 15.1518, 16.8671
YIQ	89.4220, -57.8110, -26.0910

Conversions

Conversions Part 2

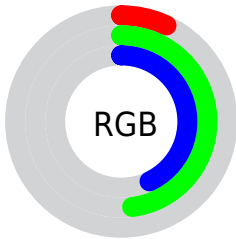
Format	Color
RYB	18, 73, 122
Decimal	1210989
CIELab	45.84, -30.76, -0.79
CIELCh	46, 30.767, 181.471
Yxy	15.1518, 0.2374, 0.3609
Android (android.graphics.Color)	4279401069 (0xFF127A6D)
YUV	89.4220, 9.6520, -62.6371
Hunter-Lab	38.9253, -22.4030, 1.5561

Details

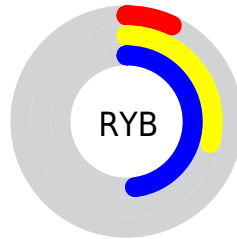
The Hex color **127A6D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A121F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **54AFA0**, and **00483E** is the 20% darker color. If you saturate the color by 10%, you get **067A6B**, and if you desaturate by 10%, it is **1E7A6F**.

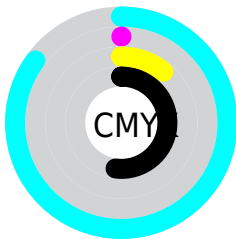
Distribution



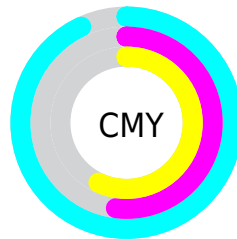
- Red (7%)
- Green (48%)
- Blue (43%)



- Red (7%)
- Yellow (29%)
- Blue (48%)



- Cyan (85%)
- Magenta (0%)
- Yellow (11%)
- Black (52%)




- Cyan (93%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 127A6D 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 127A6D by changing the saturation by 10% instead.

 127A6D

 127A6D

FFFFFF

 006155

 54AFA0

 00483E

 70CBBB

 003128

 8CE7D7

 001D13

 A9FFF3

 000000

 C5FFFF

 E3FFFF

 127A6D

 127A6D

 067A6B

 1E7A6F

■ 007A6B

■ 2A7A70

■ 377A72

■ 437A73

■ 4F7A75

■ 5B7A76

■ 677A78

■ 747A79

■ 807A7B

Harmonies

Analogous

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



417853



127A6D



007987

Triad

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



127A6D



716598



916240

Complementary

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



127A6D



7A121F

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.



9D5B53



127A6D



8E5C86

Square

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



127A6D



466FA0



9C586C



7C6B38

Rectangle

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



127A6D



007794



9C586C



965F45

Sweetspot

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



127A6D



759E99



207A12



374F4C



CFCFCF



4F4F4F

Same Dimension

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



127A6D



009E8A



12547A



373D3C



007D6D



00FCDD

Inverse Universe

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



7A121F



9E0014



7A3812



3D3738



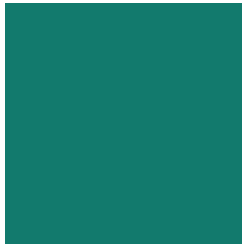
7D0010



FC0020

Previews

White Background



This preview shows how the Hex color 127A6D looks on a white background.

Color Contrast Check

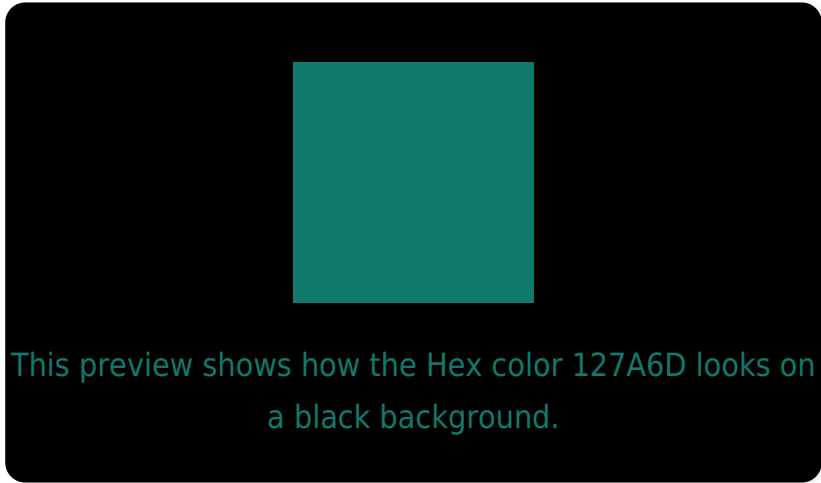
Large Text (above 18pt) WCAG AA ✓ Pass

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 127A6D Background



This preview shows how black text looks on a background with the Hex color 127A6D.

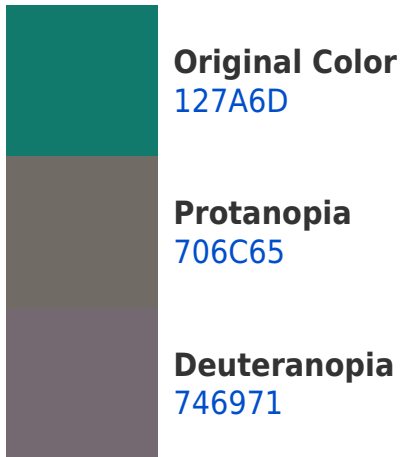


This preview shows how white text looks on a background with the Hex color 127A6D.

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
237781

Trichromacy



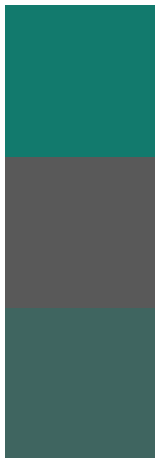
Original Color
127A6D

Protanomaly
4E7168

Deuteranomaly
506F70

Tritanomaly
1D787A

Monochromacy



Original Color
127A6D

Achromatopsia
595959

Achromatomaly
3F6560

CSS Examples

Text

The CSS property to change the color of the text to Hex 127A6D 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 #127A6D looks like.

```
.text, #text, p{  
    color:#127A6D  
}
```

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 #127A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127A6D
}
```

Border

The CSS property to change the border of an element to Hex 127A6D 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
#127A6D }
```

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

```
.border{ border-color:#127A6D }
```

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

Here you see how a box with a 4 pixel #127A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127A6D; -webkit-box-shadow:4px 4px  
4px 4px #127A6D; box-shadow:4px 4px 4px  
4px #127A6D }
```

Background

The CSS property to change the background color of an element to Hex 127A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127A6D }
```

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

```
.background{ background-color:#127A6D }
```

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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