

# Converting Colors

Hex(127858)

Have a look what the booklet for  
Hex(127858) contains.

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# Color

**Hex(127858)**

# Conversions

## Conversions Part 1

Format	Color
Hex	127858
RGB	18, 120, 88
RGB Percent	7%, 47%, 35%
CMY	0.9294, 0.5294, 0.6549
CMYK	0.85, 0.00, 0.27, 0.53
HSL	161°, 74%, 27%
HSV	161°, 85%, 47%
XYZ	8.7274, 14.2661, 11.5262
YIQ	85.8540, -50.5200, -31.5760

# Conversions

## Conversions Part 2

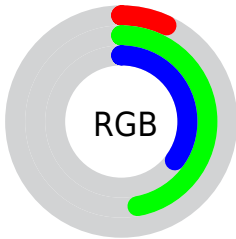
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 78, 120
Decimal	1210456
CIELab	44.61, -35.69, 9.89
CIELCh	45, 37.033, 164.505
Yxy	14.2661, 0.2528, 0.4133
Android (android.graphics.Color)	4279400536 (0xFF127858)
YUV	85.8540, 1.0580, -59.5080
Hunter-Lab	37.7705, -24.8536, 8.3462

# Details

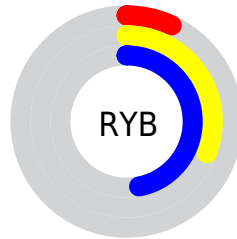
The Hex color **127858** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **781232**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **52AD8A**, and **00462B** is the 20% darker color. If you saturate the color by 10%, you get **067854**, and if you desaturate by 10%, it is **1E785C**.

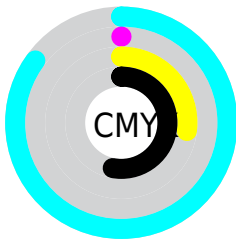
# Distribution



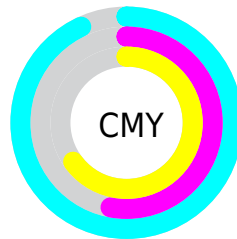
- Red (7%)
- Green (47%)
- Blue (35%)



- Red (7%)
- Yellow (31%)
- Blue (47%)



- Cyan (85%)
- Magenta (0%)
- Yellow (27%)
- Black (53%)



- Cyan (93%)
- Magenta (53%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 127858 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 127858 by changing the saturation by 10% instead.



 127858

 127858


FFFFFF

 005F41

 52AD8A

 00462B

 6EC9A4

 002F16

 8AE5BF

 001900

 A6FFDB

 000000

 C2FFF8

 DFFFFFF

 FFFFFFF

 127858

 127858

067854

1E785C

007852

2A7860

367863

427867

4E786B

5A786F

667872

727876

7E787A

# Harmonies

## Analogous

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



4A743C



127858



007978

# Triad

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



127858



5068A5



9C5740

# Complementary

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



127858



781232

# 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.



A3505C



127858



7F5B96

# Square

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



127858



0071A5



9A517B



89622D

# Rectangle

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



127858



00788C



9A517B



A05448



# Sweetspot

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



127858



739C8F



327812



374F47



CFCFCF



4F4F4F



# Same Dimension

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



127858



009C6B



126578



373D3B



007D56



00FCAD



# Inverse Universe

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



781232



9C0031



782512



3D3739



7D0027



FC004F



# Previews

## White Background



This preview shows how the Hex color 127858 looks on a white background.

## Color Contrast Check

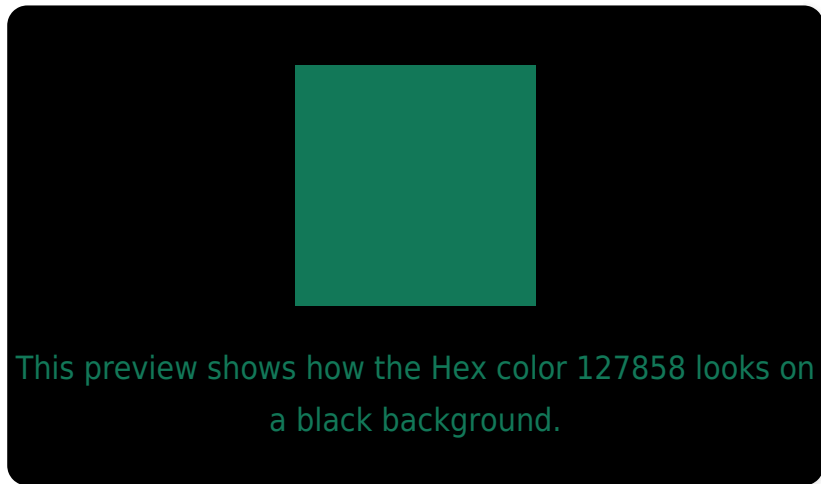
Large Text (above 18pt) WCAG AA ✓ Pass

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

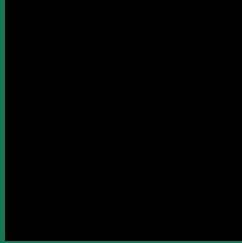
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 127858 Background



This preview shows how black text looks on a background with the Hex color 127858.

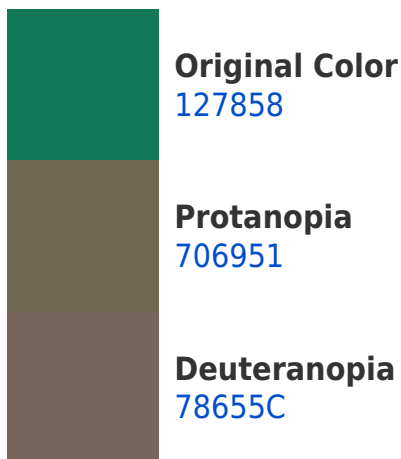



This preview shows how white text looks on a background with the Hex color 127858.

# 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**  
2A737D

# Trichromacy



**Original Color**  
127858



**Protanomaly**  
4E6E54



**Deuteranomaly**  
536C5B



**Tritanomaly**  
217570

# Monochromacy



**Original Color**  
127858



**Achromatopsia**  
565656



**Achromatomaly**  
3D6257

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 127858 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 #127858 looks like.

```
.text, #text, p{  
    color:#127858  
}
```

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 #127858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127858
}
```

## Border

The CSS property to change the border of an element to Hex 127858 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
#127858 }
```

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

```
.border{ border-color:#127858 }
```

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

Here you see how a box with a 4 pixel #127858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127858; -webkit-box-shadow:4px 4px  
4px 4px #127858; box-shadow:4px 4px 4px  
4px #127858 }
```

# Background

The CSS property to change the background color of an element to Hex 127858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127858 }
```

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

```
.background{ background-color:#127858 }
```

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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