

Converting Colors

Hex(127853)

Have a look what the booklet for
Hex(127853) contains.

Hex(127853)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(127853)

Conversions

Conversions Part 1

Format	Color
Hex	127853
RGB	18, 120, 83
RGB Percent	7%, 47%, 33%
CMY	0.9294, 0.5294, 0.6745
CMYK	0.85, 0.00, 0.31, 0.53
HSL	158°, 74%, 27%
HSV	158°, 85%, 47%
XYZ	8.5273, 14.1861, 10.4724
YIQ	85.2840, -48.9150, -33.1310

Conversions

Conversions Part 2

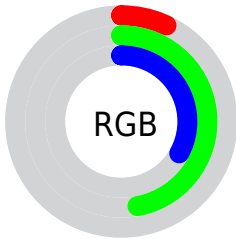
Format	Color
RYB	18, 80, 120
Decimal	1210451
CIELab	44.50, -36.94, 12.67
CIELCh	44, 39.049, 161.061
Yxy	14.1861, 0.2570, 0.4275
Android (android.graphics.Color)	4279400531 (0xFF127853)
YUV	85.2840, -1.1260, -59.0081
Hunter-Lab	37.6644, -25.5001, 9.8798

Details

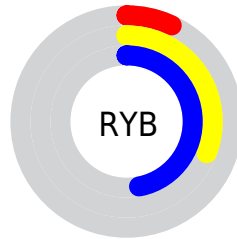
The Hex color **127853** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **781237**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **52AD85**, and **004626** is the 20% darker color. If you saturate the color by 10%, you get **06784F**, and if you desaturate by 10%, it is **1E7857**.

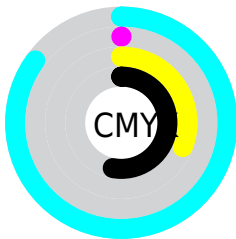
Distribution



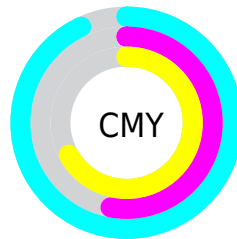
- Red (7%)
- Green (47%)
- Blue (33%)



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



- Cyan (85%)
- Magenta (0%)
- Yellow (31%)
- Black (53%)




- Cyan (93%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 127853 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 127853 by changing the saturation by 10% instead.

 127853

 127853

FFFFFF

 005F3C

 52AD85

 004626

 6EC99F

 002F11

 8AE5BA

 001800

 A6FFD5

 000000

 C2FFF2

 DFFFFF

 FDDFFF

 127853

 127853

06784F

1E7857

00784C

2A785C

367860

427864

4E7869

5A786D

667871

727876

7E787A

Harmonies

Analogous

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



4D7336



127853



007975

Triad

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



127853



4669A9



A05440

Complementary

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



127853



781237

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.



A64D5E



127853



7B5C9A

Square

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



127853



0072A6



9A507F



8D602B

Rectangle

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



127853



00798A



9A507F



A4514A

Sweetspot

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



127853



739C8D



377812



374F46



CFCFCF



4F4F4F

Same Dimension

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



127853



009C63



126A78



373D3B



007D50



00FCA1

Inverse Universe

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



781237



9C0038



782012



3D3739



7D002D



FC005C

Previews

White Background



This preview shows how the Hex color 127853 looks on a white background.

Color Contrast Check

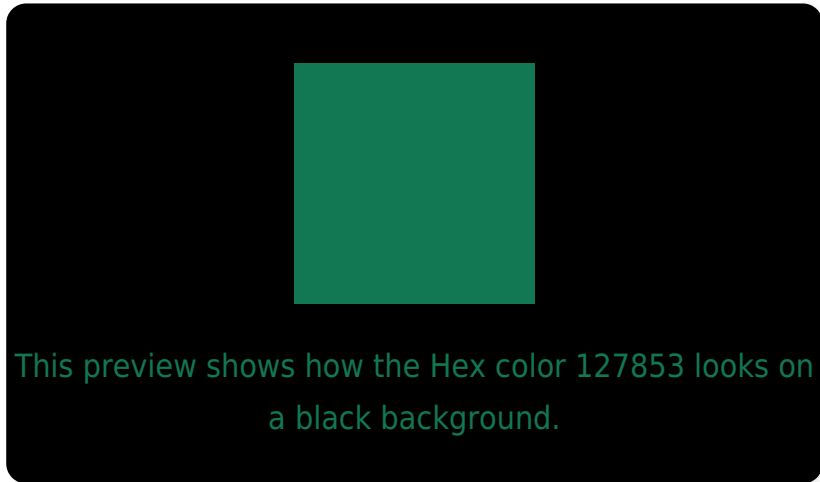
Large Text (above 18pt) WCAG AA ✓ Pass

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

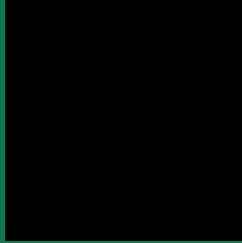
Any Text WCAG AA × Fail

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 127853 Background



This preview shows how black text looks on a background with the Hex color 127853.



This preview shows how white text looks on a background with the Hex color 127853.

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



Original Color
127853

Protanopia
71694C

Deuteranopia
796557

Trichromacy



Original Color
127853



Protanomaly
4E6E4F



Deuteranomaly
546C56



Tritanomaly
23756D

Monochromacy



Original Color
127853



Achromatopsia
555555



Achromatomaly
3D6254

CSS Examples

Text

The CSS property to change the color of the text to Hex 127853 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 #127853 looks like.

```
.text, #text, p{  
    color:#127853  
}
```

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 #127853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127853
}
```

Border

The CSS property to change the border of an element to Hex 127853 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
#127853 }
```

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

```
.border{ border-color:#127853 }
```

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

Here you see how a box with a 4 pixel #127853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127853; -webkit-box-shadow:4px 4px  
4px 4px #127853; box-shadow:4px 4px 4px  
4px #127853 }
```

Background

The CSS property to change the background color of an element to Hex 127853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127853 }
```

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

```
.background{ background-color:#127853 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor