

Converting Colors

Hex(11785B)

Have a look what the booklet for
Hex(11785B) contains.

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Color

Hex(11785B)

Conversions

Conversions Part 1

Format	Color
Hex	11785B
RGB	17, 120, 91
RGB Percent	7%, 47%, 36%
CMY	0.9333, 0.5294, 0.6431
CMYK	0.86, 0.00, 0.24, 0.53
HSL	163°, 75%, 27%
HSV	163°, 86%, 47%
XYZ	8.8360, 14.3074, 12.1934
YIQ	85.8970, -52.0790, -30.8550

Conversions

Conversions Part 2

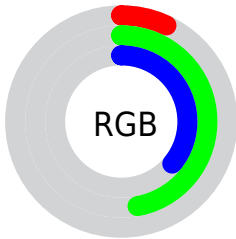
Format	Color
RYB	17, 77, 120
Decimal	1144923
CIELab	44.67, -35.01, 8.20
CIELCh	45, 35.956, 166.813
Yxy	14.3074, 0.2500, 0.4049
Android (android.graphics.Color)	4279335003 (0xFF11785B)
YUV	85.8970, 2.5158, -60.4227
Hunter-Lab	37.8252, -24.4965, 7.3647

Details

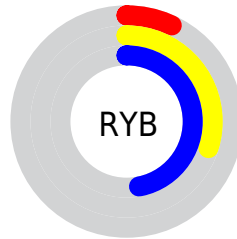
The Hex color **11785B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **78112E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **52AD8D**, and **00462D** is the 20% darker color. If you saturate the color by 10%, you get **057858**, and if you desaturate by 10%, it is **1D785E**.

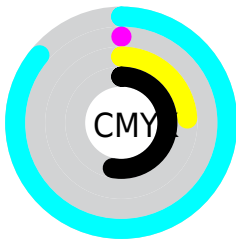
Distribution



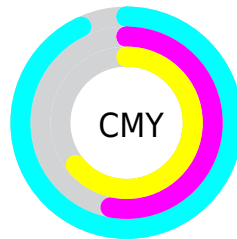
- Red (7%)
- Green (47%)
- Blue (36%)



- Red (7%)
- Yellow (30%)
- Blue (47%)



- Cyan (86%)
- Magenta (0%)
- Yellow (24%)
- Black (53%)



- Cyan (93%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11785B 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 11785B by changing the saturation by 10% instead.



11785B



11785B

FFFFFF



005F44



52AD8D



00462D



6EC9A8



002F19



8AE5C3



001900



A6FFDF



000000



C2FFFB



DFFFFFF



FDFFFF



11785B



11785B

■ 057858

■ 1D785E

■ 007856

■ 297862

■ 357865

■ 417869

■ 4D786C

■ 59786F

■ 657873

■ 717876

■ 7D7879

Harmonies

Analogous

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



49743F



11785B



00797A

Triad

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



11785B



5667A3



9A583F

Complementary

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



11785B



78112E

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.



A2515A



11785B



815B93

Square

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



11785B



0071A4



9A5278



87632E

Rectangle

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



11785B



00788D



9A5278



9E5547

Sweetspot

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



11785B



739C90



2E7811



374F48



CFCFCF



4F4F4F

Same Dimension

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



11785B



009C70



116278



373D3B



007D5A



00FCB5

Inverse Universe

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



78112E



9C002C



782711



3D3739



7D0023



FC0047

Previews

White Background



This preview shows how the Hex color 11785B looks on a white background.

Color Contrast Check

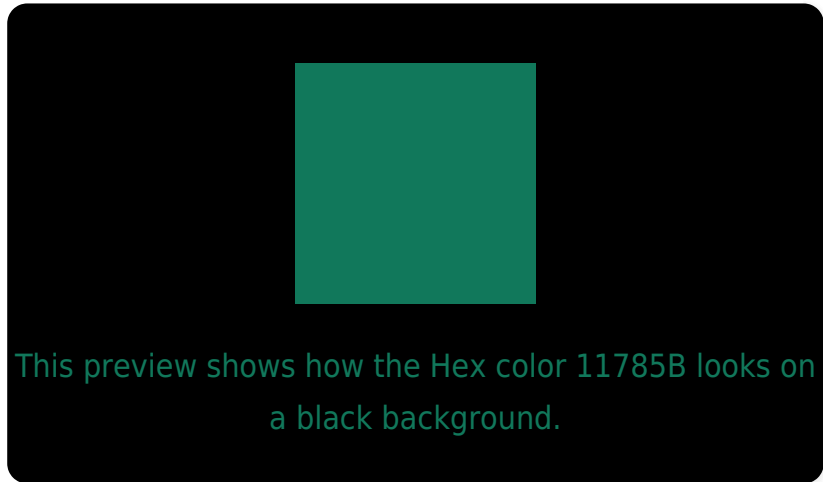
Large Text (above 18pt) WCAG AA ✓ Pass

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 11785B Background



This preview shows how black text looks on a background with the Hex color 11785B.

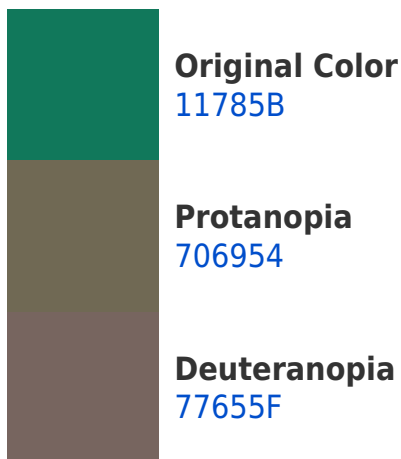


This preview shows how white text looks on a background with the Hex color 11785B.

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
29747D

Trichromacy



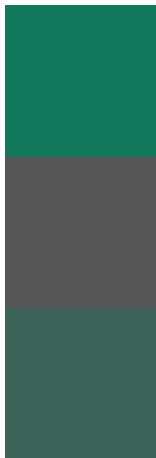
Original Color
11785B

Protanomaly
4D6E57

Deuteranomaly
526C5E

Tritanomaly
207571

Monochromacy



Original Color
11785B

Achromatopsia
565656

Achromatomaly
3D6258

CSS Examples

Text

The CSS property to change the color of the text to Hex 11785B 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 #11785B looks like.

```
.text, #text, p{  
    color:#11785B  
}
```

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 #11785B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11785B
}
```

Border

The CSS property to change the border of an element to Hex 11785B 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
#11785B }
```

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

```
.border{ border-color:#11785B }
```

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

Here you see how a box with a 4 pixel #11785B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11785B; -webkit-box-shadow:4px 4px  
4px 4px #11785B; box-shadow:4px 4px 4px  
4px #11785B }
```

Background

The CSS property to change the background color of an element to Hex 11785B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11785B }
```

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

```
.background{ background-color:#11785B }
```

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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