

Converting Colors

Hex(18685E)

Have a look what the booklet for
Hex(18685E) contains.

Hex(18685E)	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(18685E)

Conversions

Conversions Part 1

Format	Color
Hex	18685E
RGB	24, 104, 94
RGB Percent	9%, 41%, 37%
CMY	0.9059, 0.5922, 0.6314
CMYK	0.77, 0.00, 0.10, 0.59
HSL	172°, 62%, 25%
HSV	172°, 77%, 41%
XYZ	7.3474, 10.9030, 12.3069
YIQ	78.9400, -44.4700, -20.0700

Conversions

Conversions Part 2

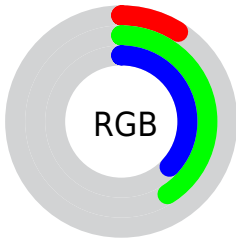
Format	Color
RYB	24, 67, 104
Decimal	1599582
CIELab	39.42, -25.87, -1.15
CIElCh	39, 25.896, 182.554
Yxy	10.9030, 0.2404, 0.3568
Android (android.graphics.Color)	4279789662 (0xFF18685E)
YUV	78.9400, 7.4246, -48.1824
Hunter-Lab	33.0196, -18.0654, 1.0155

Details

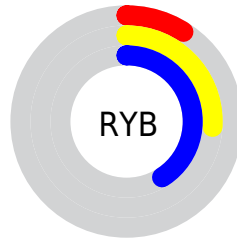
The Hex color **18685E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **681822**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **529C90**, and **003830** is the 20% darker color. If you saturate the color by 10%, you get **0E685D**, and if you desaturate by 10%, it is **22685F**.

Distribution



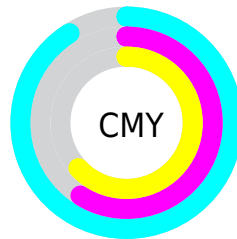
- Red (9%)
- Green (41%)
- Blue (37%)



- Red (9%)
- Yellow (26%)
- Blue (41%)



- Cyan (77%)
- Magenta (0%)
- Yellow (10%)
- Black (59%)



- Cyan (91%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18685E 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 18685E by changing the saturation by 10% instead.

 18685E

 18685E

FFFFFF

 005046

 529C90

 003830

 6DB7AB

 00231B

 88D2C6

 000000

 A4EFE2

 C0FFFF

 DDFFFF

 FAFFFF

 18685E

 18685E

■ 0E685D

■ 22685F

■ 03685B

■ 2D6861

■ 00685B

■ 376862

■ 426863

■ 4C6865

■ 566866

■ 616867

■ 6B6868

■ 76686A

Harmonies

Analogous

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



396649



18685E



006773

Triad

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



18685E



615780



7A5538

Complementary

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



18685E



681822

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.



844E47



18685E



795071

Square

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



18685E



405E87



844C5C



695C32

Rectangle

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



18685E



00667E



844C5C



7F523C

Sweetspot

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



18685E



688783



236818



324542



C4C4C4



454545

Same Dimension

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



18685E



0B8778



184B68



2E3332



007364



00F2D4

Inverse Universe

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



681822



870B1A



683518



332E2F



73000E



F2001E

Previews

White Background



This preview shows how the Hex color 18685E looks on a white background.

Color Contrast Check

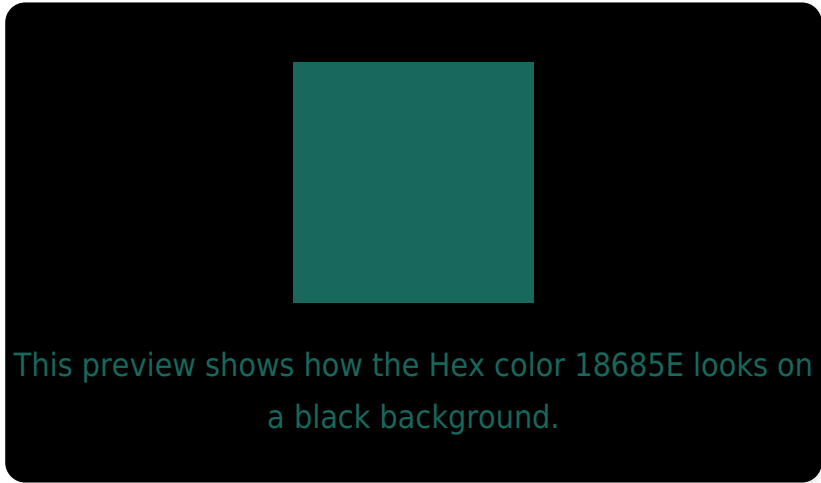
Large Text (above 18pt) WCAG AA ✓ Pass

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

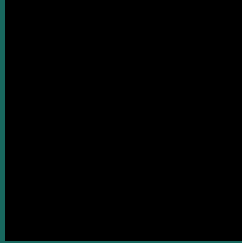
Any Text WCAG AA × Fail

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 18685E Background



This preview shows how black text looks on a background with the Hex color 18685E.

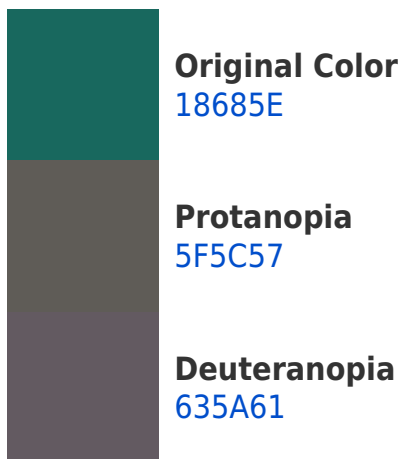



This preview shows how white text looks on a background with the Hex color 18685E.

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](#).

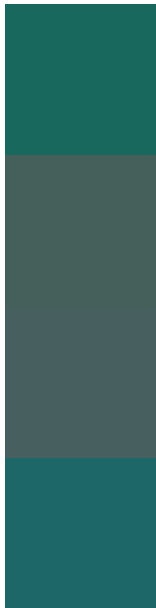
Dichromacy





Tritanopia
22666E

Trichromacy



Original Color
18685E

Protanomaly
45605A

Deuteranomaly
485F60

Tritanomaly
1E6768

Monochromacy



Original Color
18685E

Achromatopsia
4F4F4F

Achromatomaly
3B5854

CSS Examples

Text

The CSS property to change the color of the text to Hex 18685E 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 #18685E looks like.

```
.text, #text, p{  
    color:#18685E  
}
```

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 #18685E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18685E
}
```

Border

The CSS property to change the border of an element to Hex 18685E 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
#18685E }
```

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

```
.border{ border-color:#18685E }
```

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

Here you see how a box with a 4 pixel #18685E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18685E; -webkit-box-shadow:4px 4px  
4px 4px #18685E; box-shadow:4px 4px 4px  
4px #18685E }
```

Background

The CSS property to change the background color of an element to Hex 18685E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18685E }
```

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

```
.background{ background-color:#18685E }
```

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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