

Converting Colors

Hex(19685A)

Have a look what the booklet for
Hex(19685A) contains.

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Color

Hex(19685A)

Conversions

Conversions Part 1

Format	Color
Hex	19685A
RGB	25, 104, 90
RGB Percent	10%, 41%, 35%
CMY	0.9020, 0.5922, 0.6471
CMYK	0.76, 0.00, 0.13, 0.59
HSL	169°, 61%, 25%
HSV	169°, 76%, 41%
XYZ	7.1967, 10.8455, 11.3869
YIQ	78.7830, -42.5900, -21.1020

Conversions

Conversions Part 2

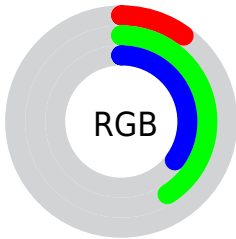
Format	Color
RYB	25, 68, 104
Decimal	1665114
CIELab	39.32, -26.92, 1.15
CIELCh	39, 26.940, 177.554
Yxy	10.8455, 0.2445, 0.3685
Android (android.graphics.Color)	4279855194 (0xFF19685A)
YUV	78.7830, 5.5300, -47.1677
Hunter-Lab	32.9325, -18.6246, 2.5523

Details

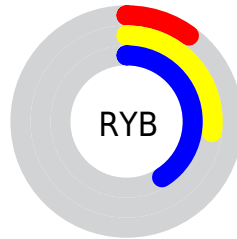
The Hex color **19685A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **681927**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **529C8C**, and **00382D** is the 20% darker color. If you saturate the color by 10%, you get **0F6858**, and if you desaturate by 10%, it is **23685C**.

Distribution



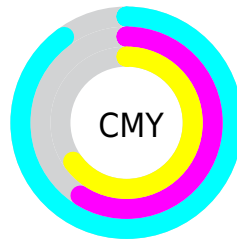
- Red (10%)
- Green (41%)
- Blue (35%)



- Red (10%)
- Yellow (27%)
- Blue (41%)



- Cyan (76%)
- Magenta (0%)
- Yellow (13%)
- Black (59%)



- Cyan (90%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19685A 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 19685A by changing the saturation by 10% instead.



19685A



19685A

FFFFFF



005043



529C8C



00382D



6DB7A6



002318



88D3C1



000000



A4EFDD



C0FFFA



DDFFFF



FAFFFF



19685A



19685A

■ 0F6858

■ 23685C

■ 046856

■ 2E685E

■ 006856

■ 386860

■ 436861

■ 4D6863

■ 576865

■ 626867

■ 6C6869

■ 77686B

Harmonies

Analogous

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



3C6644



19685A



006870

Triad

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



19685A



5C5883



7D5338

Complementary

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



19685A



681927

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.



864D49



19685A



765074

Square

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



19685A



375F88



854B5F



6C5B30

Rectangle

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



19685A



00667C



854B5F



81513D

Sweetspot

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



19685A



688782



276819



324541



C4C4C4



454545

Same Dimension

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



19685A



0C8771



194F68



2E3332



00735E



00F2C7

Inverse Universe

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



681927



870C22



683219



332E2F



730014



F2002B

Previews

White Background



This preview shows how the Hex color 19685A looks on a white background.

Color Contrast Check

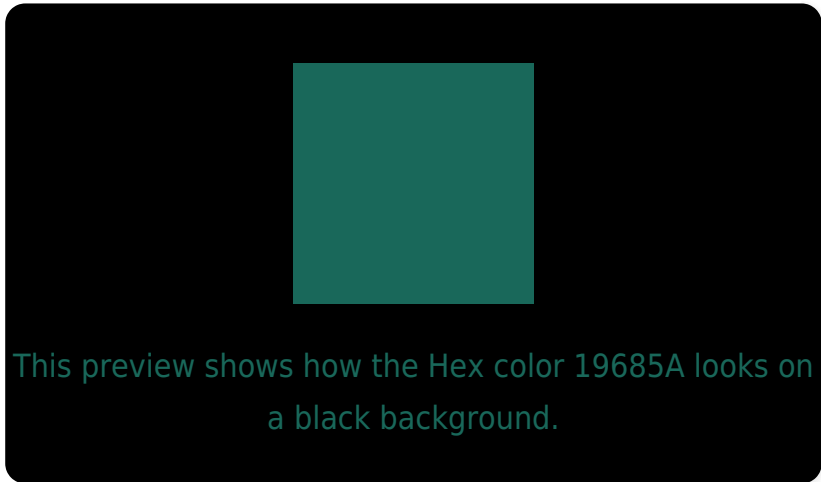
Large Text (above 18pt) WCAG AA ✓ Pass

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

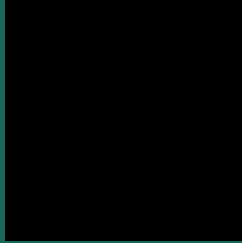
Any Text WCAG AA × Fail

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 19685A Background



This preview shows how black text looks on a background with the Hex color 19685A.



This preview shows how white text looks on a background with the Hex color 19685A.

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
19685A

Protanopia
605C53

Deuteranopia
65595D



Tritanopia
25656D

Trichromacy



Original Color
19685A

Protanomaly
466056

Deuteranomaly
495E5C

Tritanomaly
216666

Monochromacy



Original Color
19685A

Achromatopsia
4F4F4F

Achromatomaly
3B5853

CSS Examples

Text

The CSS property to change the color of the text to Hex 19685A 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 #19685A looks like.

```
.text, #text, p{  
    color:#19685A  
}
```

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 #19685A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19685A
}
```

Border

The CSS property to change the border of an element to Hex 19685A 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
#19685A }
```

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

```
.border{ border-color:#19685A }
```

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

Here you see how a box with a 4 pixel #19685A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19685A; -webkit-box-shadow:4px 4px  
4px 4px #19685A; box-shadow:4px 4px 4px  
4px #19685A }
```

Background

The CSS property to change the background color of an element to Hex 19685A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19685A }
```

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

```
.background{ background-color:#19685A }
```

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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