

Converting Colors

Hex(01985A)

Have a look what the booklet for
Hex(01985A) contains.

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Color

Hex(01985A)

Conversions

Conversions Part 1

Format	Color
Hex	01985A
RGB	1, 152, 90
RGB Percent	0%, 60%, 35%
CMY	0.9961, 0.4039, 0.6471
CMYK	0.99, 0.00, 0.41, 0.40
HSL	155°, 99%, 30%
HSV	155°, 99%, 60%
XYZ	13.0862, 23.2011, 13.4614
YIQ	99.7830, -70.0940, -51.2940

Conversions

Conversions Part 2

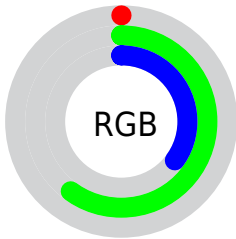
Format	Color
RYB	1, 96, 152
Decimal	104538
CIELab	55.28, -49.05, 23.26
CIELCh	55, 54.289, 154.630
Yxy	23.2011, 0.2630, 0.4664
Android (android.graphics.Color)	4278294618 (0xFF01985A)
YUV	99.7830, -4.8230, -86.6327
Hunter-Lab	48.1675, -35.7981, 17.1475

Details

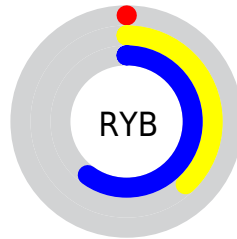
The Hex color **01985A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **98013F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **56CF8D**, and **00642B** is the 20% darker color. If you saturate the color by 10%, you get **00985A**, and if you desaturate by 10%, it is **109860**.

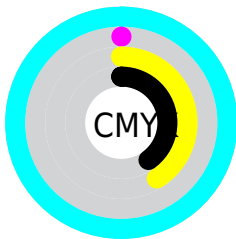
Distribution



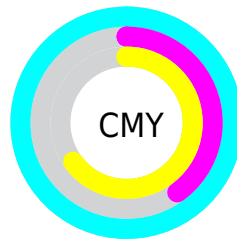
- Red (0%)
- Green (60%)
- Blue (35%)



- Red (0%)
- Yellow (38%)
- Blue (60%)



- Cyan (99%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)





- Cyan (100%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01985A 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 01985A by changing the saturation by 10% instead.

 01985A

 01985A

FFFFFF

 007D42

 56CF8D

 00642B

 74ECA7

 004A15

 91FFC3

 003300

 AFFFFD


 001B00

 CCFFFB

 000000

 EAFFFF

 01985A

 01985A

 00985A

 109860

 1F9866

 2F986D

 3E9873

 4D9879

 5C987F

 6B9886

 7B988C

 8A9892

Harmonies

Analogous

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



659131



01985A



009B8A

Triad

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



01985A



1E87E2



D56151

Complementary

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



01985A



98013F

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.



D9587F



01985A



8F75D2

Square

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



01985A



0094D9



C361AE



BC732D

Rectangle

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



01985A



009BAA



C361AE



D95C60

Sweetspot

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



01985A



89C4AC



409801



406355



E3E3E3



636363

Same Dimension

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



01985A



00C474



018B98



454D49



008C53



000D08

Inverse Universe

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



98013F



C40051



980E01



4D4548



8C003A



0D0005

Previews

White Background



This preview shows how the Hex color 01985A looks on a white background.

Color Contrast Check

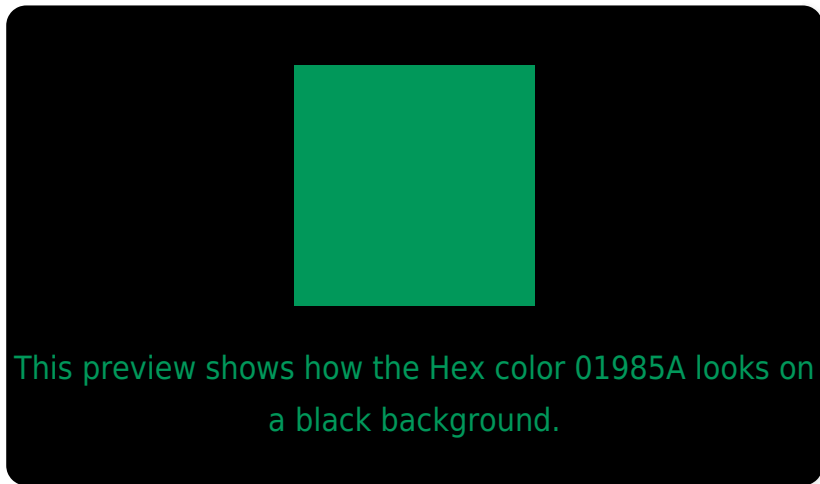
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

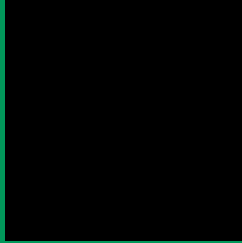
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 01985A Background



This preview shows how black text looks on a background with the Hex color 01985A.

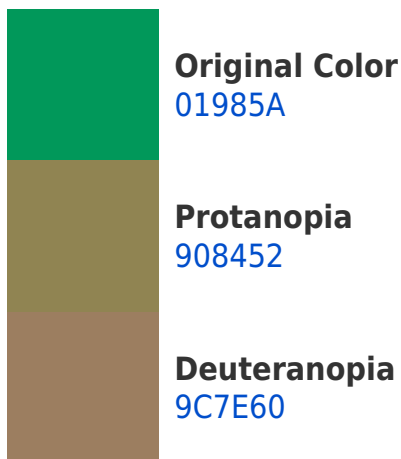


This preview shows how white text looks on a background with the Hex color 01985A.

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
37909C

Trichromacy



Original Color

01985A



Protanomaly

5C8B55



Deuteranomaly

64875E



Tritanomaly

239384

Monochromacy



Original Color

01985A



Achromatopsia

646464



Achromatomaly

407760

CSS Examples

Text

The CSS property to change the color of the text to Hex 01985A 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 #01985A looks like.

```
.text, #text, p{  
    color:#01985A  
}
```

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 #01985A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01985A
}
```

Border

The CSS property to change the border of an element to Hex 01985A 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
#01985A }
```

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

```
.border{ border-color:#01985A }
```

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

Here you see how a box with a 4 pixel #01985A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01985A; -webkit-box-shadow:4px 4px  
4px 4px #01985A; box-shadow:4px 4px 4px  
4px #01985A }
```

Background

The CSS property to change the background color of an element to Hex 01985A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01985A }
```

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

```
.background{ background-color:#01985A }
```

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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