

Converting Colors

Hex(00995D)

Have a look what the booklet for
Hex(00995D) contains.

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Color

Hex(00995D)

Conversions

Conversions Part 1

Format	Color
Hex	00995D
RGB	0, 153, 93
RGB Percent	0%, 60%, 36%
CMY	1.0000, 0.4000, 0.6353
CMYK	1.00, 0.00, 0.39, 0.40
HSL	156°, 100%, 30%
HSV	156°, 100%, 60%
XYZ	13.3670, 23.5728, 14.2014
YIQ	100.4130, -71.9280, -51.0960

Conversions

Conversions Part 2

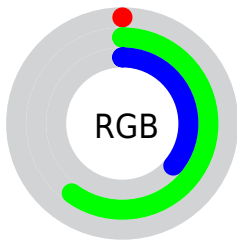
Format	Color
RYB	0, 95, 153
Decimal	39261
CIELab	55.66, -48.85, 22.12
CIELCh	56, 53.626, 155.639
Yxy	23.5728, 0.2614, 0.4609
Android (android.graphics.Color)	4278229341 (0xFF00995D)
YUV	100.4130, -3.6546, -88.0622
Hunter-Lab	48.5518, -35.8220, 16.6439

Details

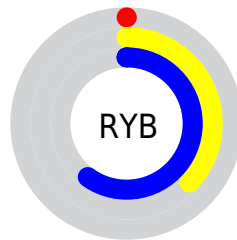
The Hex color **00995D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **99003C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **56D090**, and **00642E** is the 20% darker color. If you saturate the color by 10%, you get **00995D**, and if you desaturate by 10%, it is **0F9963**.

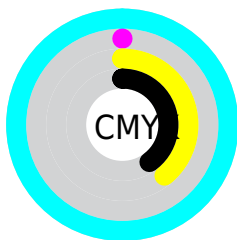
Distribution



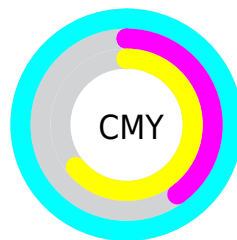
- Red (0%)
- Green (60%)
- Blue (36%)



- Red (0%)
- Yellow (37%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00995D 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 00995D by changing the saturation by 10% instead.

 00995D

 00995D

FFFFFF

 007E45

 56D090

 00642E

 74EDAA

 004B18

 92FFC6

 003400

 AFFFE2

 001C00

 CCFFFF

 000000

 EAFFFF

 00995D

 0F9963

 1F9969

 2E996F

 3D9975

 4D997B

 5C9981

 6B9987

 7A998D

 8A9993

Harmonies

Analogous

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



659234



00995D



009C8D

Triad

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



00995D



2D88E2



D56352

Complementary

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



00995D



99003C

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.



D95A7E



00995D



9375D1

Square

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



00995D



0094DA



C562AD



BC752E

Rectangle

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



00995D



009BAC



C562AD



D95E60

Sweetspot

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



00995D



8BC7B0



3D9900



406355



E3E3E3



636363

Same Dimension

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



00995D



00C779



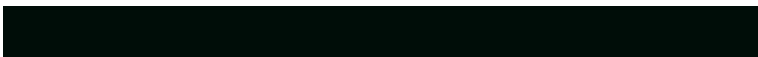
008A99



454D4A



008C55



000D08

Inverse Universe

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



99003C



C7004E



990F00



4D4548



8C0037



0D0005

Previews

White Background



This preview shows how the Hex color 00995D looks on a white background.

Color Contrast Check

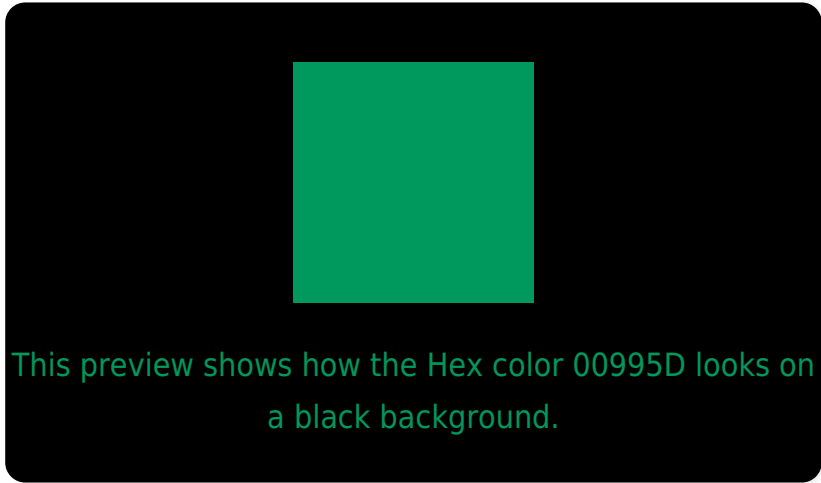
Large Text (above 18pt) WCAG AA ✓ Pass

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

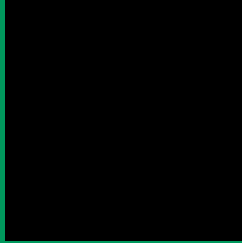
Any Text WCAG AA ✓ Pass

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 00995D Background



This preview shows how black text looks on a background with the Hex color 00995D.



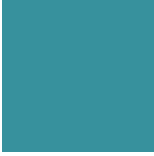
This preview shows how white text looks on a background with the Hex color 00995D.

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
37919D

Trichromacy



Original Color
00995D



Protanomaly
5C8C58



Deuteranomaly
638861



Tritanomaly
239486

Monochromacy



Original Color
00995D



Achromatopsia
646464



Achromatomaly
407761

CSS Examples

Text

The CSS property to change the color of the text to Hex 00995D 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 #00995D looks like.

```
.text, #text, p{  
    color:#00995D  
}
```

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 #00995D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00995D
}
```

Border

The CSS property to change the border of an element to Hex 00995D 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
#00995D }
```

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

```
.border{ border-color:#00995D }
```

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

Here you see how a box with a 4 pixel #00995D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00995D; -webkit-box-shadow:4px 4px  
4px 4px #00995D; box-shadow:4px 4px 4px  
4px #00995D }
```

Background

The CSS property to change the background color of an element to Hex 00995D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00995D }
```

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

```
.background{ background-color:#00995D }
```

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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