

Converting Colors

Hex(00955E)

Have a look what the booklet for
Hex(00955E) contains.

Hex(00955E)	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(00955E)

Conversions

Conversions Part 1

Format	Color
Hex	00955E
RGB	0, 149, 94
RGB Percent	0%, 58%, 37%
CMY	1.0000, 0.4157, 0.6314
CMYK	1.00, 0.00, 0.37, 0.42
HSL	158°, 100%, 29%
HSV	158°, 100%, 58%
XYZ	12.7678, 22.3030, 14.2217
YIQ	98.1790, -71.1490, -48.6930

Conversions

Conversions Part 2

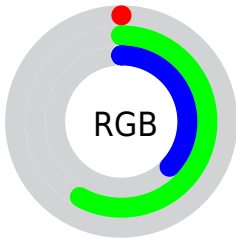
Format	Color
RYB	0, 91, 149
Decimal	38238
CIELab	54.35, -47.15, 19.81
CIELCh	54, 51.142, 157.206
Yxy	22.3030, 0.2590, 0.4525
Android (android.graphics.Color)	4278228318 (0xFF00955E)
YUV	98.1790, -2.0602, -86.1030
Hunter-Lab	47.2261, -34.3873, 15.2037

Details

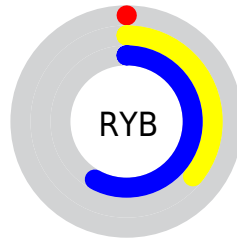
The Hex color **00955E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **950037**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **55CC91**, and **00612F** is the 20% darker color. If you saturate the color by 10%, you get **00955E**, and if you desaturate by 10%, it is **0F9564**.

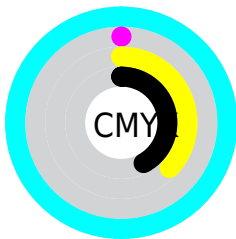
Distribution



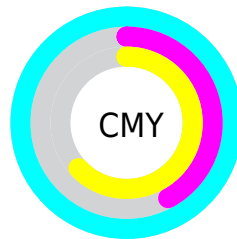
- Red (0%)
- Green (58%)
- Blue (37%)



- Red (0%)
- Yellow (36%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00955E 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 00955E by changing the saturation by 10% instead.

 00955E

 00955E

FFFFFF

 007A46

 55CC91

 00612F

 73E9AB

 004819

 90FFC7

 003101

 ADFFE3

 001800

 CBFFFF

 000000

 E8FFFF

 00955E

 0F9564

 1E9569

 2D956F

 3C9574

 4B957A

 59957F

 689585

 77958A

 869590

Harmonies

Analogous

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



618E37



00955E



00978C

Triad

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



00955E



3B83DA



CD624F

Complementary

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



00955E



950037

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.



D25979



00955E



9272C9

Square

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



00955E



0090D3



C060A5



B5732E

Rectangle

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



00955E



0097A9



C060A5



D15E5C

Sweetspot

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



00955E



88C2AC



399500



3E6154



E0E0E0



616161

Same Dimension

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



00955E



00C27A



008495



434A47



008A57



000A06

Inverse Universe

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



950037



C20048



951100



4A4345



8A0033



0A0004

Previews

White Background



This preview shows how the Hex color 00955E looks on a white background.

Color Contrast Check

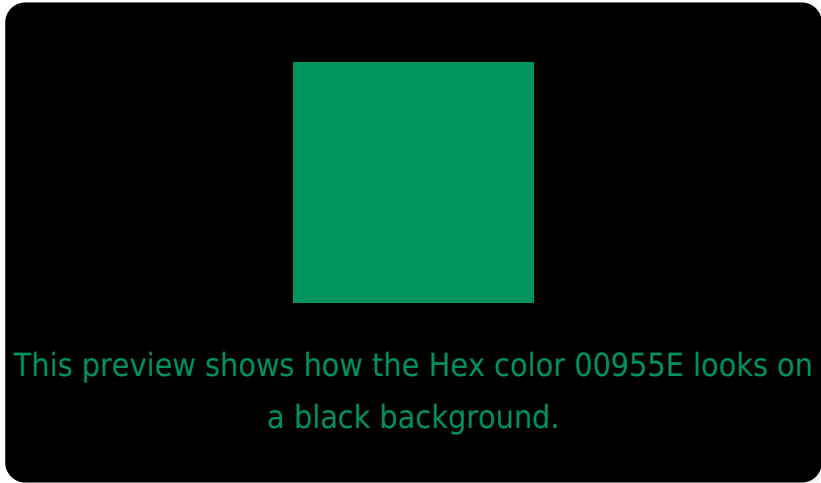
Large Text (above 18pt) WCAG AA ✓ Pass

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 00955E Background



This preview shows how black text looks on a background with the Hex color 00955E.

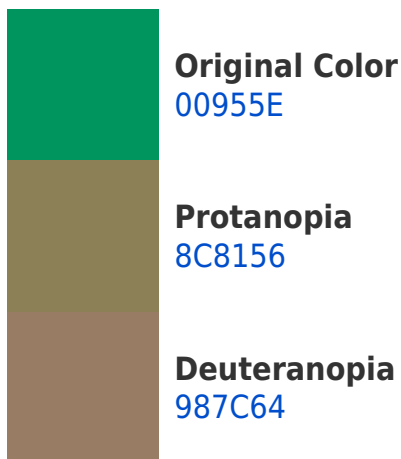


This preview shows how white text looks on a background with the Hex color 00955E.

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
358E99

Trichromacy



Original Color
00955E



Protanomaly
598859



Deuteranomaly
618562



Tritanomaly
229184

Monochromacy



Original Color
00955E



Achromatopsia
626262



Achromatomaly
3E7561

CSS Examples

Text

The CSS property to change the color of the text to Hex 00955E 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 #00955E looks like.

```
.text, #text, p{  
    color:#00955E  
}
```

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 #00955E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00955E
}
```

Border

The CSS property to change the border of an element to Hex 00955E 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
#00955E }
```

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

```
.border{ border-color:#00955E }
```

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

Here you see how a box with a 4 pixel #00955E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00955E; -webkit-box-shadow:4px 4px  
4px 4px #00955E; box-shadow:4px 4px 4px  
4px #00955E }
```

Background

The CSS property to change the background color of an element to Hex 00955E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00955E }
```

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

```
.background{ background-color:#00955E }
```

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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