

Converting Colors

Hex(00945D)

Have a look what the booklet for
Hex(00945D) contains.

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Color

Hex(00945D)

Conversions

Conversions Part 1

Format	Color
Hex	00945D
RGB	0, 148, 93
RGB Percent	0%, 58%, 36%
CMY	1.0000, 0.4196, 0.6353
CMYK	1.00, 0.00, 0.37, 0.42
HSL	158°, 100%, 29%
HSV	158°, 100%, 58%
XYZ	12.5657, 21.9701, 13.9343
YIQ	97.4780, -70.5530, -48.4810

Conversions

Conversions Part 2

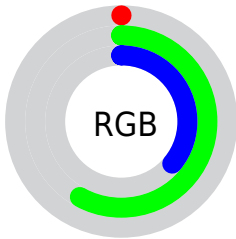
Format	Color
RYB	0, 91, 148
Decimal	37981
CIELab	54.00, -46.99, 19.89
CIELCh	54, 51.028, 157.053
Yxy	21.9701, 0.2592, 0.4533
Android (android.graphics.Color)	4278228061 (0xFF00945D)
YUV	97.4780, -2.2077, -85.4882
Hunter-Lab	46.8723, -34.1736, 15.1847

Details

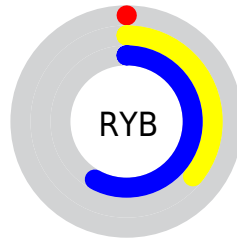
The Hex color **00945D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **940037**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **55CB90**, and **00602E** is the 20% darker color. If you saturate the color by 10%, you get **00945D**, and if you desaturate by 10%, it is **0F9462**.

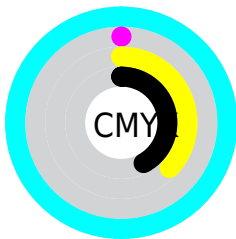
Distribution



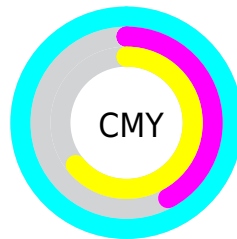
- Red (0%)
- Green (58%)
- Blue (36%)



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



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



- Cyan (100%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00945D 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 00945D by changing the saturation by 10% instead.

 00945D

 00945D

FFFFFF

 007A45

 55CB90

 00602E

 73E8AA

 004719

 90FFC6

 003000

 ADFFE2

 001700

 CAFFFF

 000000

 E8FFFF

 00945D

 0F9462

 1E9468

 2C946D

 3B9473

 4A9478

 59947E

 689484

 769489

 85948F

Harmonies

Analogous

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



608E36



00945D



00968B

Triad

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



00945D



3983D9



CC614E

Complementary

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



00945D



940037

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.



D15878



00945D



9171C8

Square

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



00945D



008FD2



BF5FA4



B4722E

Rectangle

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



00945D



0096A8



BF5FA4



D05D5C

Sweetspot

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



00945D



86BFAA



399400



3E6154



E0E0E0



616161

Same Dimension

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



00945D



00BF78



008394



434A47



008A57



000A06

Inverse Universe

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



940037



BF0047



941100



4A4345



8A0033



0A0004

Previews

White Background



This preview shows how the Hex color 00945D looks on a white background.

Color Contrast Check

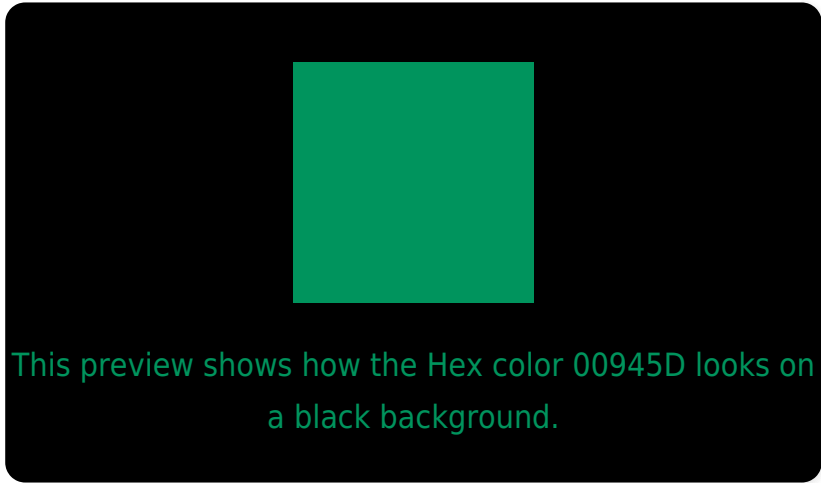
Large Text (above 18pt) WCAG AA ✓ Pass

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

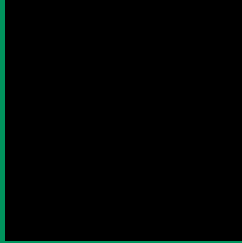
Any Text WCAG AA ✓ Pass

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 00945D Background



This preview shows how black text looks on a background with the Hex color 00945D.

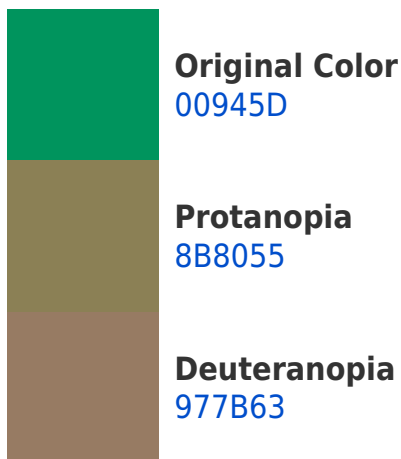


This preview shows how white text looks on a background with the Hex color 00945D.

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
358D98

Trichromacy



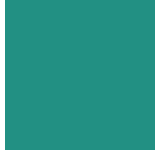
Original Color
00945D



Protanomaly
588758



Deuteranomaly
608461



Tritanomaly
229083

Monochromacy



Original Color
00945D



Achromatopsia
616161



Achromatomaly
3E7460

CSS Examples

Text

The CSS property to change the color of the text to Hex 00945D 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 #00945D looks like.

```
.text, #text, p{  
    color:#00945D  
}
```

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 #00945D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00945D
}
```

Border

The CSS property to change the border of an element to Hex 00945D 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
#00945D }
```

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

```
.border{ border-color:#00945D }
```

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

Here you see how a box with a 4 pixel #00945D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00945D; -webkit-box-shadow:4px 4px  
4px 4px #00945D; box-shadow:4px 4px 4px  
4px #00945D }
```

Background

The CSS property to change the background color of an element to Hex 00945D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00945D }
```

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

```
.background{ background-color:#00945D }
```

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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