

# Converting Colors

Hex(00695B)

Have a look what the booklet for  
Hex(00695B) contains.

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**Color**

**Hex(00695B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00695B
RGB	0, 105, 91
RGB Percent	0%, 41%, 36%
CMY	1.0000, 0.5882, 0.6431
CMYK	1.00, 0.00, 0.13, 0.59
HSL	172°, 100%, 21%
HSV	172°, 100%, 41%
XYZ	6.9399, 10.8585, 11.6277
YIQ	72.0090, -58.0860, -26.6140

# Conversions

## Conversions Part 2

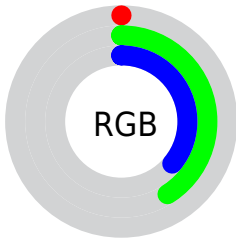
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 105
Decimal	26971
CIELab	39.34, -29.56, 0.53
CIELCh	39, 29.562, 178.976
Yxy	10.8585, 0.2358, 0.3690
Android (android.graphics.Color)	4278217051 (0xFF00695B)
YUV	72.0090, 9.3626, -63.1519
Hunter-Lab	32.9522, -20.0734, 2.1452

# Details

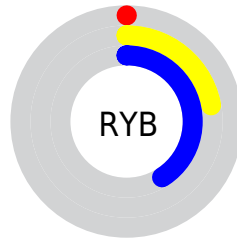
The Hex color **00695B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **69000E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **489D8D**, and **00392D** is the 20% darker color. If you saturate the color by 10%, you get **00695B**, and if you desaturate by 10%, it is **0A695C**.

# Distribution



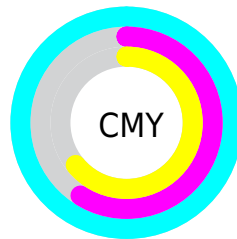
- Red (0%)
- Green (41%)
- Blue (36%)



- Red (0%)
- Yellow (22%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00695B 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 00695B by changing the saturation by 10% instead.



 00695B

 00695B

FFFFFF

 005044

 489D8D

 00392D

 64B8A7

 002419

 80D4C3

 000000

 9CF0DE

 B8FFFB

 D5FFFF

 F2FFFF

 00695B

 0A695C

 15695E

 20695F

 2A6961

 356962

 3F6963

 4A6965

 546966

 5F6968

# Harmonies

## Analogous

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



366743



00695B



006973

# Triad

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



00695B



5D5787



7F5234

# Complementary

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



00695B



69000E

# 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.



8A4B47



00695B



7A4E76

# Square

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



00695B



335F8D



88495E



6C5B2C

# Rectangle

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



00695B



006780



88495E



845039



# Sweetspot

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



00695B



608A84



0E6900



2C4542



C4C4C4



454545



# Same Dimension

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



00695B



008A77



004269



303635



007566



00F5D4



# Inverse Universe

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



69000E



8A0012



692700



363031



750010



F50021



# Previews

## White Background



This preview shows how the Hex color 00695B looks on a white background.

## Color Contrast Check

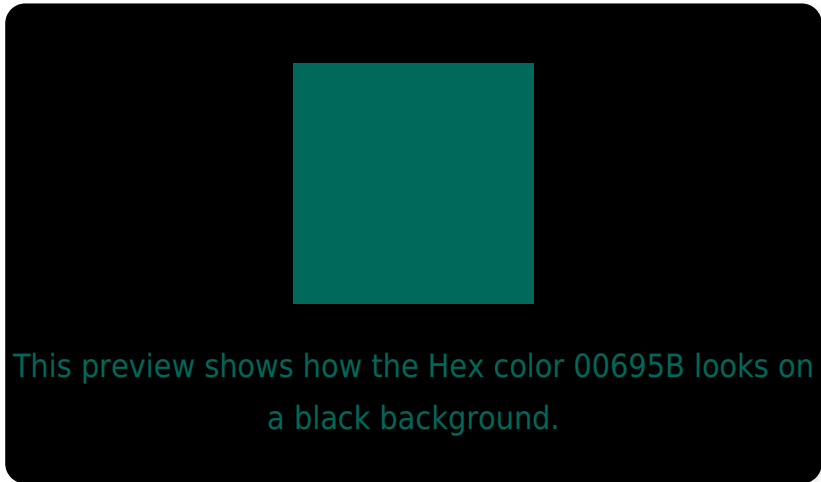
Large Text (above 18pt) WCAG AA ✓ Pass

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

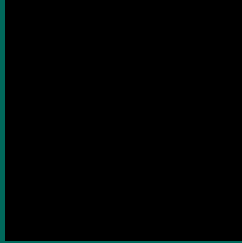
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00695B Background



This preview shows how black text looks on a background with the Hex color 00695B.

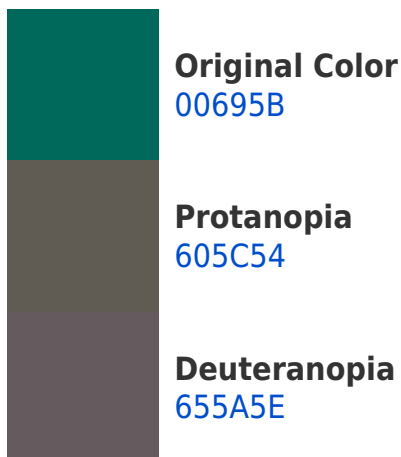


This preview shows how white text looks on a background with the Hex color 00695B.

# 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](#).

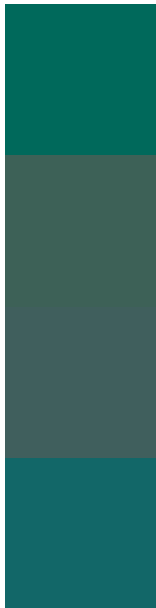
## Dichromacy





**Tritanopia**  
1D666F

# Trichromacy



**Original Color**  
0095B

**Protanomaly**  
3D6157

**Deuteranomaly**  
405F5D

**Tritanomaly**  
126768

# Monochromacy



**Original Color**  
0095B

**Achromatopsia**  
484848

**Achromatomaly**  
2E544F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00695B 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 #00695B looks like.

```
.text, #text, p{  
    color:#00695B  
}
```

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 #00695B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00695B
}
```

## Border

The CSS property to change the border of an element to Hex 00695B 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
#00695B }
```

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

```
.border{ border-color:#00695B }
```

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

Here you see how a box with a 4 pixel #00695B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00695B; -webkit-box-shadow:4px 4px  
4px 4px #00695B; box-shadow:4px 4px 4px  
4px #00695B }
```

# Background

The CSS property to change the background color of an element to Hex 00695B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00695B }
```

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

```
.background{ background-color:#00695B }
```

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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