

# Converting Colors

Hex(095E55)

Have a look what the booklet for  
Hex(095E55) contains.

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# Color

**Hex(095E55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	095E55
RGB	9, 94, 85
RGB Percent	4%, 37%, 33%
CMY	0.9647, 0.6314, 0.6667
CMYK	0.90, 0.00, 0.10, 0.63
HSL	174°, 83%, 20%
HSV	174°, 90%, 37%
XYZ	5.7551, 8.7194, 9.9740
YIQ	67.5590, -47.7710, -20.8190

# Conversions

## Conversions Part 2

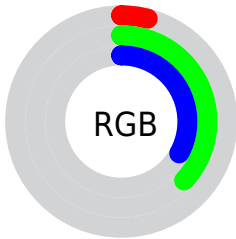
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 54, 94
Decimal	613973
CIE Lab	35.44, -25.38, -1.47
CIE LCh	35, 25.420, 183.316
Yxy	8.7194, 0.2354, 0.3566
Android (android.graphics.Color)	4278804053 (0xFF095E55)
YUV	67.5590, 8.5984, -51.3562
Hunter-Lab	29.5286, -16.8857, 0.6433

# Details

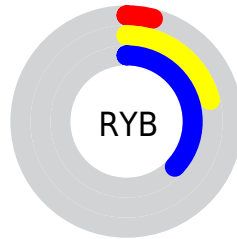
The Hex color **095E55** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E0912**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **489187**, and **002F28** is the 20% darker color. If you saturate the color by 10%, you get **005E54**, and if you desaturate by 10%, it is **125E56**.

# Distribution



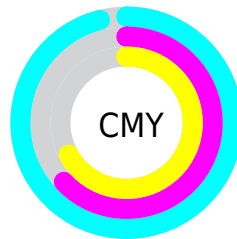
- Red (4%)
- Green (37%)
- Blue (33%)



- Red (4%)
- Yellow (21%)
- Blue (37%)



- Cyan (90%)
- Magenta (0%)
- Yellow (10%)
- Black (63%)



- Cyan (96%)
- Magenta (63%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 095E55 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 095E55 by changing the saturation by 10% instead.



095E55

095E55

FFFFFF

00463E

489187

002F28

63ACA1

001C14

7EC7BC

000000

9AE3D7

B6FFF4

D2FFFF

FFFFFF

095E55

095E55

■ 005E54

■ 125E56

■ 1C5E57

■ 255E58

■ 2F5E59

■ 385E5A

■ 415E5B

■ 4B5E5C

■ 545E5D

■ 5E5E5E

# Harmonies

## Analogous

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



2F5C40



095E55



005D69

# Triad

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



095E55



584D75



6F4C2F

# Complementary

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



095E55



5E0912

# 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.



79453E



095E55



6F4666

# Square

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



095E55



38557C



794352



5E532A

# Rectangle

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



095E55



005C73



794352



734933



# Sweetspot

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



095E55



597A77



135E09



2A3D3B



BDBDBD



3D3D3D



# Same Dimension

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



095E55



007A6D



093D5E



292E2D



006E62



00EDD4



# Inverse Universe

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



5E0912



7A000D



5E2A09



2E292A



6E000C



ED0019



# Previews

## White Background



This preview shows how the Hex color 095E55 looks on a white background.

## Color Contrast Check

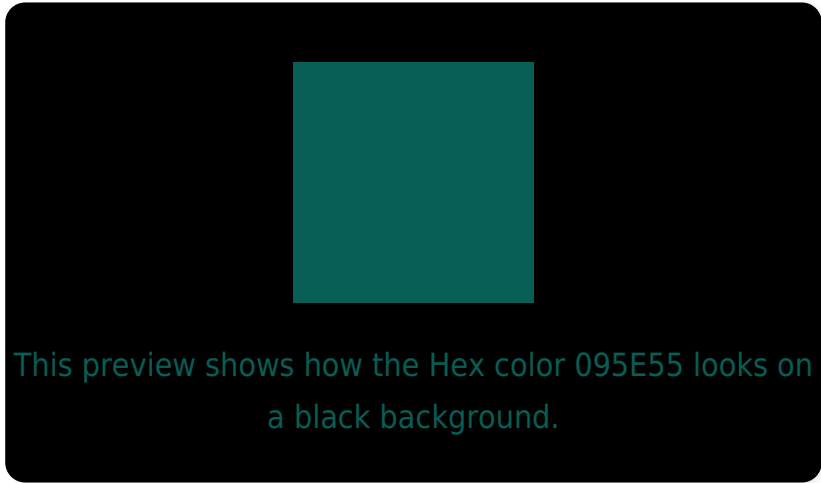
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

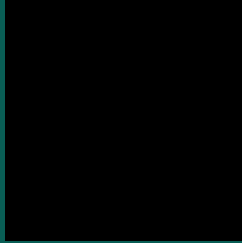
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 095E55 Background



This preview shows how black text looks on a background with the Hex color 095E55.

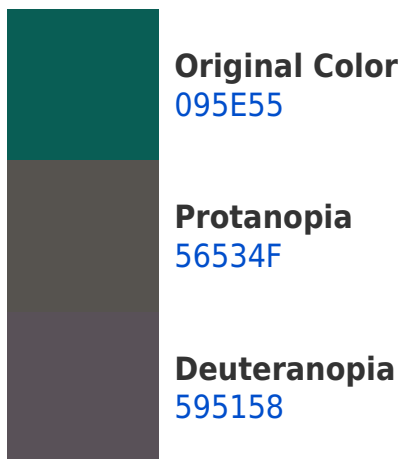



This preview shows how white text looks on a background with the Hex color 095E55.

# 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](#).

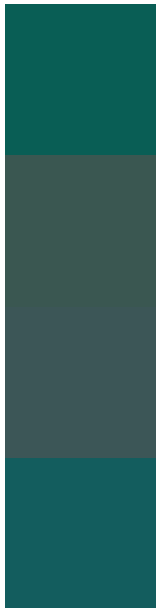
## Dichromacy





**Tritanopia**  
195C63

# Trichromacy



**Original Color**  
095E55

**Protanomaly**  
3A5751

**Deuteranomaly**  
3C5657

**Tritanomaly**  
135D5E

# Monochromacy



**Original Color**  
095E55

**Achromatopsia**  
444444

**Achromatomaly**  
2F4D4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 095E55 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 #095E55 looks like.

```
.text, #text, p{  
    color:#095E55  
}
```

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 #095E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095E55
}
```

## Border

The CSS property to change the border of an element to Hex 095E55 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
#095E55 }
```

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

```
.border{ border-color:#095E55 }
```

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

Here you see how a box with a 4 pixel #095E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095E55; -webkit-box-shadow:4px 4px  
4px 4px #095E55; box-shadow:4px 4px 4px  
4px #095E55 }
```

# Background

The CSS property to change the background color of an element to Hex 095E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095E55 }
```

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

```
.background{ background-color:#095E55 }
```

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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