

Converting Colors

Hex(095E51)

Have a look what the booklet for
Hex(095E51) contains.

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Color

Hex(095E51)

Conversions

Conversions Part 1

Format	Color
Hex	095E51
RGB	9, 94, 81
RGB Percent	4%, 37%, 32%
CMY	0.9647, 0.6314, 0.6824
CMYK	0.90, 0.00, 0.14, 0.63
HSL	171°, 83%, 20%
HSV	171°, 90%, 37%
XYZ	5.6006, 8.6576, 9.1605
YIQ	67.1030, -46.4870, -22.0630

Conversions

Conversions Part 2

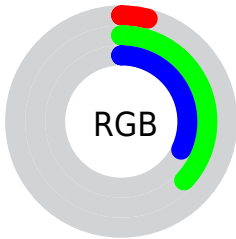
Format	Color
R_{YB}	9, 55, 94
Decimal	613969
CIE _{Lab}	35.32, -26.63, 0.84
CIE _{LCh}	35, 26.638, 178.192
Yxy	8.6576, 0.2392, 0.3697
Android (android.graphics.Color)	4278804049 (0xFF095E51)
YUV	67.1030, 6.8512, -50.9563
Hunter-Lab	29.4237, -17.5156, 2.1379

Details

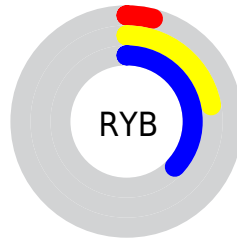
The Hex color **095E51** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E0916**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **489182**, and **002F25** is the 20% darker color. If you saturate the color by 10%, you get **005E50**, and if you desaturate by 10%, it is **125E52**.

Distribution



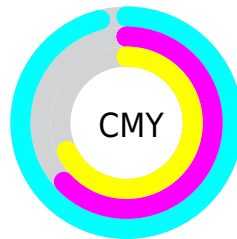
- Red (4%)
- Green (37%)
- Blue (32%)



- Red (4%)
- Yellow (22%)
- Blue (37%)



- Cyan (90%)
- Magenta (0%)
- Yellow (14%)
- Black (63%)



- Cyan (96%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 095E51 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 095E51 by changing the saturation by 10% instead.

 095E51

 095E51

FFFFFF

 00463A

 489182

 002F25

 63AC9C

 001B0F

 7EC7B7

 000000

 99E3D3

 B5FFEF

 D1FFFF

 EEEFFF

 095E51

 095E51

■ 005E50

■ 125E52

■ 1C5E54

■ 255E55

■ 2F5E57

■ 385E58

■ 415E5A

■ 4B5E5B

■ 545E5D

■ 5E5E5E

Harmonies

Analogous

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



325C3C



095E51



005E66

Triad

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



095E51



534E79



724A2F

Complementary

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



095E51



5E0916

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.



7B4340



095E51



6C466A

Square

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



095E51



2E567D



7A4255



615128

Rectangle

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



095E51



005C72



7A4255



764734

Sweetspot

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



095E51



597A75



175E09



2A3D3A



BDBDBD



3D3D3D

Same Dimension

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



095E51



007A68



09425E



292E2D



006E5D



00EDC9

Inverse Universe

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



5E0916



7A0013



5E2509



2E292A



6E0011



ED0024

Previews

White Background



This preview shows how the Hex color 095E51 looks on a white background.

Color Contrast Check

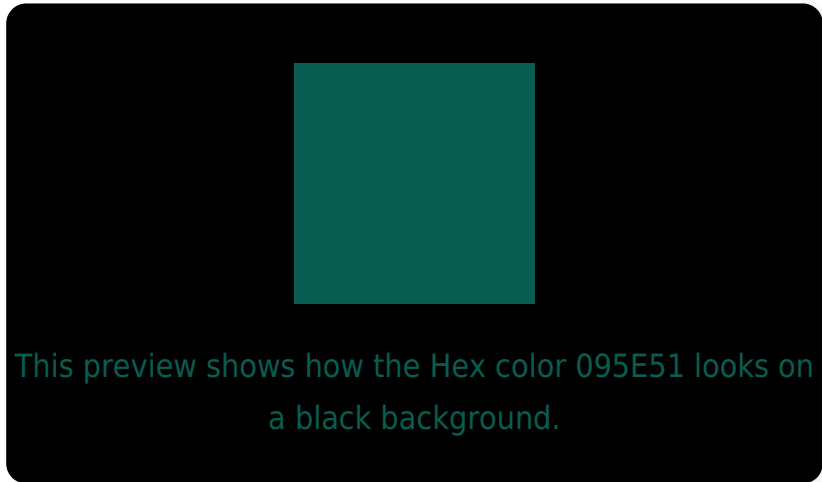
Large Text (above 18pt) WCAG AA ✓ Pass

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

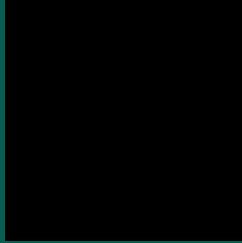
Any Text WCAG AA × Fail

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 095E51 Background



This preview shows how black text looks on a background with the Hex color 095E51.



This preview shows how white text looks on a background with the Hex color 095E51.

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



Original Color
095E51

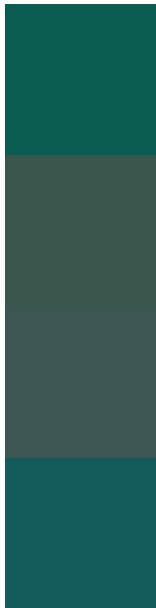
Protanopia
56534B

Deuteranopia
5A5054



Tritanopia
1B5B63

Trichromacy



Original Color
095E51

Protanomaly
3A574D

Deuteranomaly
3D5553

Tritanomaly
145C5C

Monochromacy



Original Color
095E51

Achromatopsia
434343

Achromatomaly
2E4D48

CSS Examples

Text

The CSS property to change the color of the text to Hex 095E51 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 #095E51 looks like.

```
.text, #text, p{  
    color:#095E51  
}
```

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 #095E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095E51
}
```

Border

The CSS property to change the border of an element to Hex 095E51 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
#095E51 }
```

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

```
.border{ border-color:#095E51 }
```

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

Here you see how a box with a 4 pixel #095E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095E51; -webkit-box-shadow:4px 4px  
4px 4px #095E51; box-shadow:4px 4px 4px  
4px #095E51 }
```

Background

The CSS property to change the background color of an element to Hex 095E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095E51 }
```

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

```
.background{ background-color:#095E51 }
```

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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