

Converting Colors

Hex(095E4F)

Have a look what the booklet for
Hex(095E4F) contains.

Hex(095E4F)	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(095E4F)

Conversions

Conversions Part 1

Format	Color
Hex	095E4F
RGB	9, 94, 79
RGB Percent	4%, 37%, 31%
CMY	0.9647, 0.6314, 0.6902
CMYK	0.90, 0.00, 0.16, 0.63
HSL	169°, 83%, 20%
HSV	169°, 90%, 37%
XYZ	5.5266, 8.6280, 8.7712
YIQ	66.8750, -45.8450, -22.6850

Conversions

Conversions Part 2

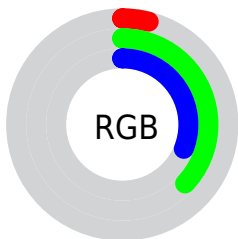
Format	Color
RYB	9, 56, 94
Decimal	613967
CIELab	35.26, -27.23, 2.00
CIELCh	35, 27.306, 175.802
Yxy	8.6280, 0.2411, 0.3763
Android (android.graphics.Color)	4278804047 (0xFF095E4F)
YUV	66.8750, 5.9776, -50.7564
Hunter-Lab	29.3735, -17.8186, 2.8568

Details

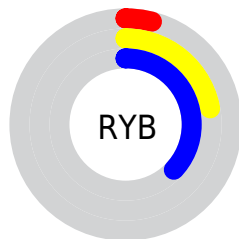
The Hex color **095E4F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E0918**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **489180**, and **002F23** is the 20% darker color. If you saturate the color by 10%, you get **005E4D**, and if you desaturate by 10%, it is **125E51**.

Distribution



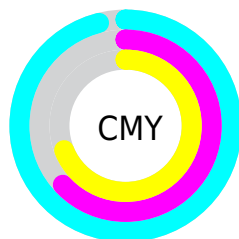
- Red (4%)
- Green (37%)
- Blue (31%)



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



- Cyan (90%)
- Magenta (0%)
- Yellow (16%)
- Black (63%)



- Cyan (96%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 095E4F 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 095E4F by changing the saturation by 10% instead.

095E4F

095E4F

FFFFFF

004638

489180

002F23

62AC9A

001B0D

7DC7B5

000000

99E3D0

B5FFED

D1FFFF

EEFFFF

095E4F

095E4F

■ 005E4D

■ 125E51

■ 1C5E52

■ 255E54

■ 2F5E56

■ 385E57

■ 415E59

■ 4B5E5B

■ 545E5C

■ 5E5E5E

Harmonies

Analogous

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



335C3A



095E4F



005E65

Triad

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



095E4F



504E7A



74492F

Complementary

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



095E4F



5E0918

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.



7C4341



095E4F



6B466C

Square

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



095E4F



28567E



7A4157



635127

Rectangle

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



095E4F



005D72



7A4157



774635

Sweetspot

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



095E4F



597A75



195E09



2A3D3A



BDBDBD



3D3D3D

Same Dimension

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



095E4F



007A65



09435E



292E2D



006E5A



00EDC3

Inverse Universe

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



5E0918



7A0016



5E2409



2E292A



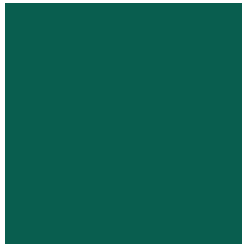
6E0013



ED002A

Previews

White Background



This preview shows how the Hex color 095E4F 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

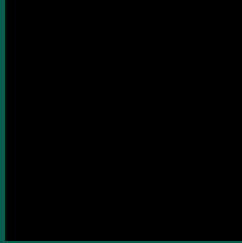
Any Text WCAG AA × Fail

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 095E4F Background



This preview shows how black text looks on a background with the Hex color 095E4F.



This preview shows how white text looks on a background with the Hex color 095E4F.

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
095E4F

Protanopia
575349

Deuteranopia
5B5052



Tritanopia
1C5B63

Trichromacy



Original Color
095E4F

Protanomaly
3B574B

Deuteranomaly
3D5551

Tritanomaly
155C5C

Monochromacy



Original Color
095E4F

Achromatopsia
434343

Achromatomaly
2E4D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 095E4F 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 #095E4F looks like.

```
.text, #text, p{  
    color:#095E4F  
}
```

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 #095E4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095E4F
}
```

Border

The CSS property to change the border of an element to Hex 095E4F 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
#095E4F }
```

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

```
.border{ border-color:#095E4F }
```

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

Here you see how a box with a 4 pixel #095E4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095E4F; -webkit-box-shadow:4px 4px  
4px 4px #095E4F; box-shadow:4px 4px 4px  
4px #095E4F }
```

Background

The CSS property to change the background color of an element to Hex 095E4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095E4F }
```

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

```
.background{ background-color:#095E4F }
```

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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