

Converting Colors

Hex(095D53)

Have a look what the booklet for
Hex(095D53) contains.

Hex(095D53)	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(095D53)

Conversions

Conversions Part 1

Format	Color
Hex	095D53
RGB	9, 93, 83
RGB Percent	4%, 36%, 33%
CMY	0.9647, 0.6353, 0.6745
CMYK	0.90, 0.00, 0.11, 0.64
HSL	173°, 82%, 20%
HSV	173°, 90%, 36%
XYZ	5.5883, 8.5113, 9.5319
YIQ	66.7440, -46.8540, -20.9180

Conversions

Conversions Part 2

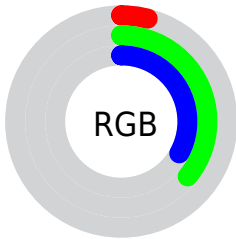
Format	Color
RYB	9, 54, 93
Decimal	613715
CIELab	35.03, -25.51, -0.83
CIELCh	35, 25.528, 181.862
Yxy	8.5113, 0.2365, 0.3602
Android (android.graphics.Color)	4278803795 (0xFF095D53)
YUV	66.7440, 8.0142, -50.6415
Hunter-Lab	29.1742, -16.8629, 1.0504

Details

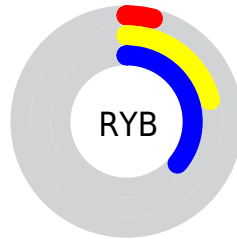
The Hex color **095D53** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5D0913**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **489084**, and **002E26** is the 20% darker color. If you saturate the color by 10%, you get **005D52**, and if you desaturate by 10%, it is **125D54**.

Distribution



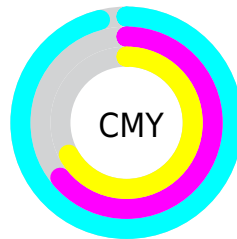
- Red (4%)
- Green (36%)
- Blue (33%)



- Red (4%)
- Yellow (21%)
- Blue (36%)



- Cyan (90%)
- Magenta (0%)
- Yellow (11%)
- Black (64%)



- Cyan (96%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 095D53 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 095D53 by changing the saturation by 10% instead.

095D53

095D53

FFFFFF

00453C

489084

002E26

63AB9E

001B12

7EC6B9

000000

99E2D5

B5FFF1

D1FFFF

EEFFFF

095D53

095D53

■ 005D52

■ 125D54

■ 1C5D55

■ 255D56

■ 2E5D57

■ 375D59

■ 415D5A

■ 4A5D5B

■ 535D5C

■ 5D5D5D

Harmonies

Analogous

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



305B3E



095D53



005C67

Triad

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



095D53



564D75



6F4A2F

Complementary

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



095D53



5D0913

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.



78443E



095D53



6D4566

Square

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



095D53



35547B



784252



5E5229

Rectangle

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



095D53



005B72



784252



734833

Sweetspot

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



095D53



577874



145D09



2A3D3B



BDBDBD



3D3D3D

Same Dimension

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



095D53



00786A



093E5D



292E2D



006E61



00EDD1

Inverse Universe

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



5D0913



78000E



5D2809



2E292A



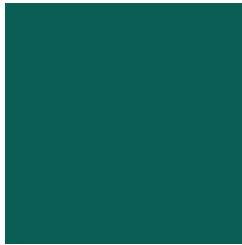
6E000D



ED001C

Previews

White Background



This preview shows how the Hex color 095D53 looks on a white background.

Color Contrast Check

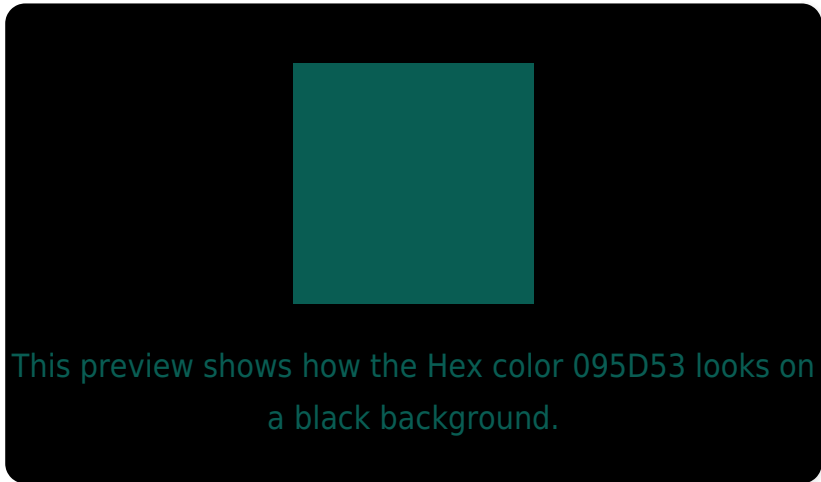
Large Text (above 18pt) WCAG AA ✓ Pass

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

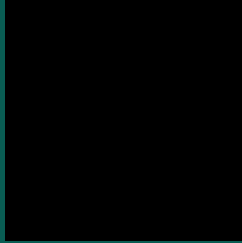
Any Text WCAG AA × Fail

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 095D53 Background



This preview shows how black text looks on a background with the Hex color 095D53.

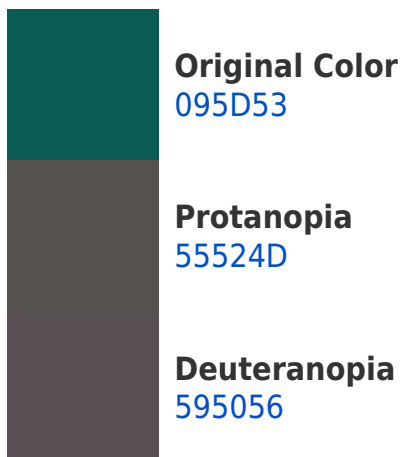


This preview shows how white text looks on a background with the Hex color 095D53.

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](#).

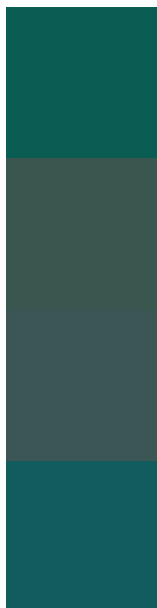
Dichromacy





Tritanopia
195B62

Trichromacy



Original Color
095D53

Protanomaly
39564F

Deuteranomaly
3C5555

Tritanomaly
135C5D

Monochromacy



Original Color
095D53

Achromatopsia
434343

Achromatomaly
2E4C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 095D53 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 #095D53 looks like.

```
.text, #text, p{  
    color:#095D53  
}
```

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 #095D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095D53
}
```

Border

The CSS property to change the border of an element to Hex 095D53 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
#095D53 }
```

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

```
.border{ border-color:#095D53 }
```

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

Here you see how a box with a 4 pixel #095D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095D53; -webkit-box-shadow:4px 4px  
4px 4px #095D53; box-shadow:4px 4px 4px  
4px #095D53 }
```

Background

The CSS property to change the background color of an element to Hex 095D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095D53 }
```

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

```
.background{ background-color:#095D53 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor