

# Converting Colors

Hex(095D59)

Have a look what the booklet for  
Hex(095D59) contains.

<b>Hex(095D59)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(095D59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	095D59
RGB	9, 93, 89
RGB Percent	4%, 36%, 35%
CMY	0.9647, 0.6353, 0.6510
CMYK	0.90, 0.00, 0.04, 0.64
HSL	177°, 82%, 20%
HSV	177°, 90%, 36%
XYZ	5.8302, 8.6080, 10.8054
YIQ	67.4280, -48.7800, -19.0520

# Conversions

## Conversions Part 2

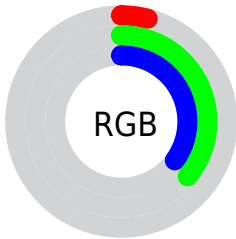
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 52, 93
Decimal	613721
CIE <sub>Lab</sub>	35.22, -23.58, -4.29
CIE <sub>LCh</sub>	35, 23.966, 190.307
Yxy	8.6080, 0.2310, 0.3410
Android (android.graphics.Color)	4278803801 (0xFF095D59)
YUV	67.4280, 10.6350, -51.2414
Hunter-Lab	29.3395, -15.8735, -1.2983

# Details

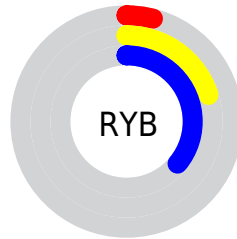
The Hex color **095D59** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5D090D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **49908B**, and **002E2C** is the 20% darker color. If you saturate the color by 10%, you get **005D59**, and if you desaturate by 10%, it is **125D59**.

# Distribution



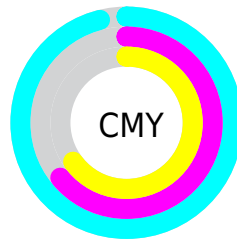
- Red (4%)
- Green (36%)
- Blue (35%)



- Red (4%)
- Yellow (20%)
- Blue (36%)



- Cyan (90%)
- Magenta (0%)
- Yellow (4%)
- Black (64%)



- Cyan (96%)
- Magenta (64%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 095D59 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 095D59 by changing the saturation by 10% instead.



095D59

095D59

FFFFFF

004542

49908B

002E2C

63AAA5

001B17

7FC6C0

000000

9AE2DC

B6FFF9

D2FFFF

F0FFFF

095D59

095D59

■ 005D59

■ 125D59

■ 1C5D5A

■ 255D5A

■ 2E5D5B

■ 375D5B

■ 415D5C

■ 4A5D5C

■ 535D5D

■ 5D5D5D

# Harmonies

## Analogous

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



2B5C45



095D59



005C6B

# Triad

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



095D59



5D4B70



6A4D2F

# Complementary

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



095D59



5D090D

# 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.



75473B



095D59



704660

# Square

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



095D59



415278



78444D



59542D

# Rectangle

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



095D59



0D5A74



78444D



6E4B32



# Sweetspot

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



095D59



577876



0D5D09



2A3D3C



BDBDBD



3D3D3D



# Same Dimension

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



095D59



007872



09375D



292E2E



006E68



00EDE2



# Inverse Universe

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



5D090D



780006



5D2F09



2E292A



6E0005



ED000B



# Previews

## White Background



This preview shows how the Hex color 095D59 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

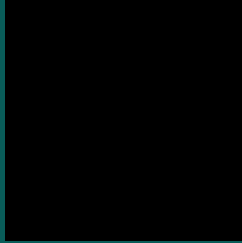
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 095D59 Background



This preview shows how black text looks on a background with the Hex color 095D59.

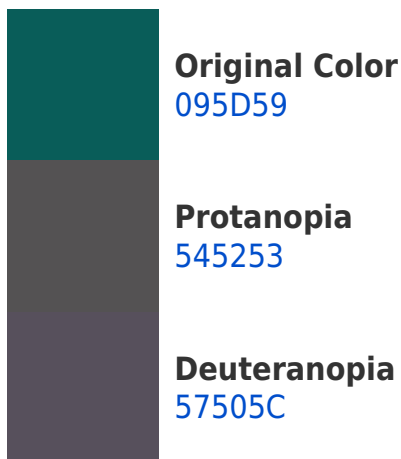



This preview shows how white text looks on a background with the Hex color 095D59.

# 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](#).

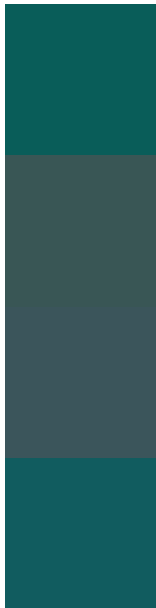
## Dichromacy





**Tritanopia**  
165C63

# Trichromacy



**Original Color**  
095D59

**Protanomaly**  
395655

**Deuteranomaly**  
3B555B

**Tritanomaly**  
115C5F

# Monochromacy



**Original Color**  
095D59

**Achromatopsia**  
434343

**Achromatomaly**  
2E4C4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 095D59 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 #095D59 looks like.

```
.text, #text, p{  
    color:#095D59  
}
```

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 #095D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095D59
}
```

## Border

The CSS property to change the border of an element to Hex 095D59 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
#095D59 }
```

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

```
.border{ border-color:#095D59 }
```

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

Here you see how a box with a 4 pixel #095D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095D59; -webkit-box-shadow:4px 4px  
4px 4px #095D59; box-shadow:4px 4px 4px  
4px #095D59 }
```

# Background

The CSS property to change the background color of an element to Hex 095D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095D59 }
```

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

```
.background{ background-color:#095D59 }
```

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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