

Converting Colors

Hex(095840)

Have a look what the booklet for
Hex(095840) contains.

Hex(095840)	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(095840)

Conversions

Conversions Part 1

Format	Color
Hex	095840
RGB	9, 88, 64
RGB Percent	4%, 35%, 25%
CMY	0.9647, 0.6549, 0.7490
CMYK	0.90, 0.00, 0.27, 0.65
HSL	162°, 81%, 19%
HSV	162°, 90%, 35%
XYZ	4.5278, 7.4077, 6.0417
YIQ	61.6430, -39.3800, -24.2120

Conversions

Conversions Part 2

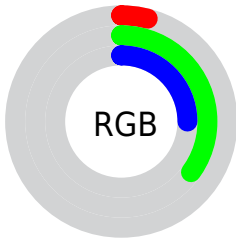
Format	Color
R_{YB}	9, 56, 88
Decimal	612416
CIE Lab	32.72, -28.74, 7.71
CIE LCh	33, 29.753, 164.976
Yxy	7.4077, 0.2519, 0.4121
Android (android.graphics.Color)	4278802496 (0xFF095840)
YUV	61.6430, 1.1620, -46.1679
Hunter-Lab	27.2171, -17.9349, 5.8907

Details

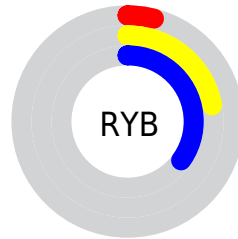
The Hex color **095840** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **580921**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **458B70**, and **002A16** is the 20% darker color. If you saturate the color by 10%, you get **00583D**, and if you desaturate by 10%, it is **125843**.

Distribution



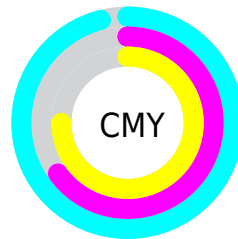
- Red (4%)
- Green (35%)
- Blue (25%)



- Red (4%)
- Yellow (22%)
- Blue (35%)



- Cyan (90%)
- Magenta (0%)
- Yellow (27%)
- Black (65%)



- Cyan (96%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 095840 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 095840 by changing the saturation by 10% instead.

 095840

 095840

FFFFFF

 00402A

 458B70

 002A16

 5FA589

 001100

 7AC1A3

 000000

 95DDBE

 B1F9DA

 CDFFF7

 EAFFFF

 095840

 095840

■ 00583D

■ 125843

■ 1B5845

■ 235848

■ 2C584B

■ 35584D

■ 3E5850

■ 475853

■ 4F5855

■ 585858

Harmonies

Analogous

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



35552A



095840



005958

Triad

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



095840



3B4B7A



743F2D

Complementary

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



095840



580921

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.



793942



095840



5E426E

Square

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



095840



00537A



723B5A



65471F

Rectangle

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



095840



005867



723B5A



773C33

Sweetspot

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



095840



547369



225809



283B35



BABABA



3B3B3B

Same Dimension

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



095840



007350



094A58



272B2A



006B4B



00EBA3

Inverse Universe

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



580921



730023



581709



2B2728



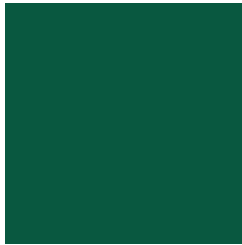
6B0021



EB0047

Previews

White Background



This preview shows how the Hex color 095840 looks on a white background.

Color Contrast Check

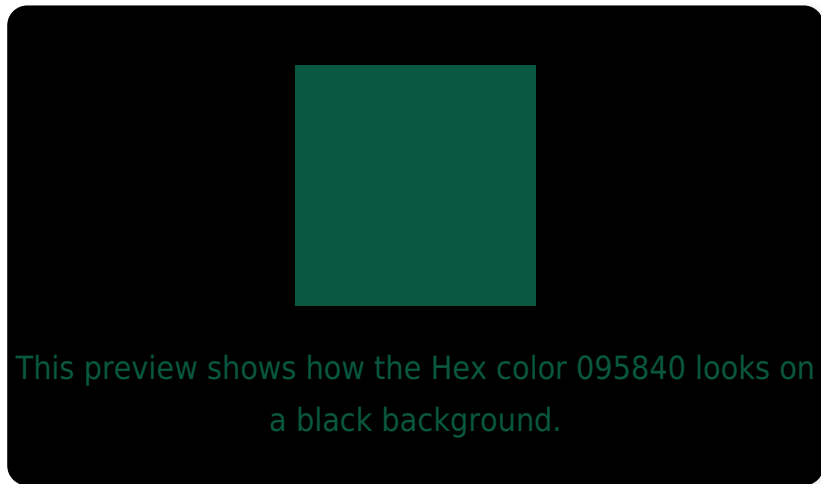
Large Text (above 18pt) WCAG AA ✓ Pass

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

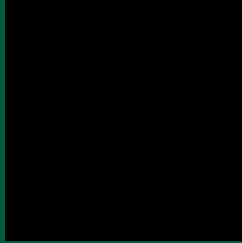
Any Text WCAG AA × Fail

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 095840 Background



This preview shows how black text looks on a background with the Hex color 095840.

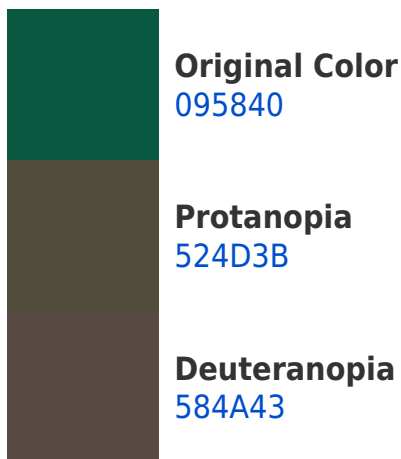


This preview shows how white text looks on a background with the Hex color 095840.

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
1E545B

Trichromacy



Original Color
095840

Protanomaly
37513D

Deuteranomaly
3B4F42

Tritanomaly
165551

Monochromacy



Original Color
095840

Achromatopsia
3E3E3E

Achromatomaly
2B473F

CSS Examples

Text

The CSS property to change the color of the text to Hex 095840 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 #095840 looks like.

```
.text, #text, p{  
    color:#095840  
}
```

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 #095840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095840
}
```

Border

The CSS property to change the border of an element to Hex 095840 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".

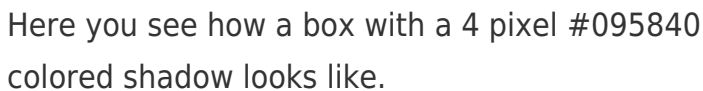
```
.border, #border, table{ border:4px solid
#095840 }
```

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

```
.border{ border-color:#095840 }
```

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

Here you see how a box with a 4 pixel #095840 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095840; -webkit-box-shadow:4px 4px  
4px 4px #095840; box-shadow:4px 4px 4px  
4px #095840 }
```

Background

The CSS property to change the background color of an element to Hex 095840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095840 }
```

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

```
.background{ background-color:#095840 }
```

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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