

Converting Colors

Hex(095F4B)

Have a look what the booklet for
Hex(095F4B) contains.

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Color

Hex(095F4B)

Conversions

Conversions Part 1

Format	Color
Hex	095F4B
RGB	9, 95, 75
RGB Percent	4%, 37%, 29%
CMY	0.9647, 0.6275, 0.7059
CMYK	0.91, 0.00, 0.21, 0.63
HSL	166°, 83%, 20%
HSV	166°, 91%, 37%
XYZ	5.4749, 8.7505, 8.0571
YIQ	67.0060, -44.8360, -24.4520

Conversions

Conversions Part 2

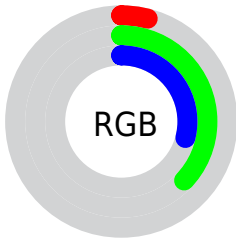
Format	Color
R_{YB}	9, 58, 95
Decimal	614219
CIE Lab	35.50, -28.88, 4.83
CIE LCh	35, 29.281, 170.513
Yxy	8.7505, 0.2457, 0.3927
Android (android.graphics.Color)	4278804299 (0xFF095F4B)
YUV	67.0060, 3.9410, -50.8713
Hunter-Lab	29.5812, -18.7306, 4.5580

Details

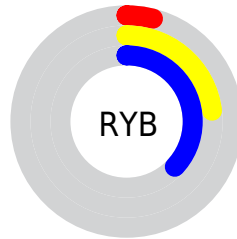
The Hex color **095F4B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5F091D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **48927C**, and **00301F** is the 20% darker color. If you saturate the color by 10%, you get **005F49**, and if you desaturate by 10%, it is **125F4D**.

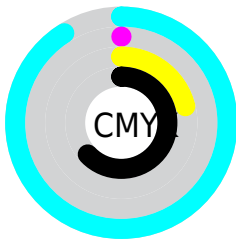
Distribution



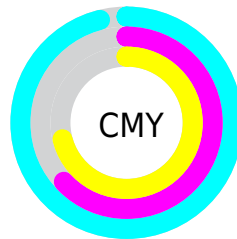
- Red (4%)
- Green (37%)
- Blue (29%)



- Red (4%)
- Yellow (23%)
- Blue (37%)



- Cyan (91%)
- Magenta (0%)
- Yellow (21%)
- Black (63%)



- Cyan (96%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 095F4B 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 095F4B by changing the saturation by 10% instead.

 095F4B

 095F4B

FFFFFF

 004734

 48927C

 00301F

 62AD96

 001C07

 7DC9B0

 000000

 99E5CC

 B5FFE8

 D1FFFF

 EEEFFF

 095F4B

 095F4B

■ 005F49

■ 125F4D

■ 1C5F4F

■ 265F52

■ 2F5F54

■ 395F56

■ 425F58

■ 4C5F5A

■ 555F5D

■ 5F5F5F

Harmonies

Analogous

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



365C35



095F4B



005F63

Triad

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



095F4B



4A507F



784730

Complementary

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



095F4B



5F091D

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.



804144



095F4B



694771

Square

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



095F4B



145881



7B415C



685024

Rectangle

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



095F4B



005E71



7B415C



7C4536

Sweetspot

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



095F4B



597A73



1D5F09



2A3D39



BDBDBD



3D3D3D

Same Dimension

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



095F4B



007A5E



09485F



2C302F



007056



00F0B8

Inverse Universe

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



5F091D



7A001C



5F2009



302C2D



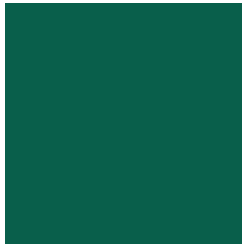
70001A



F00038

Previews

White Background



This preview shows how the Hex color 095F4B looks on a white background.

Color Contrast Check

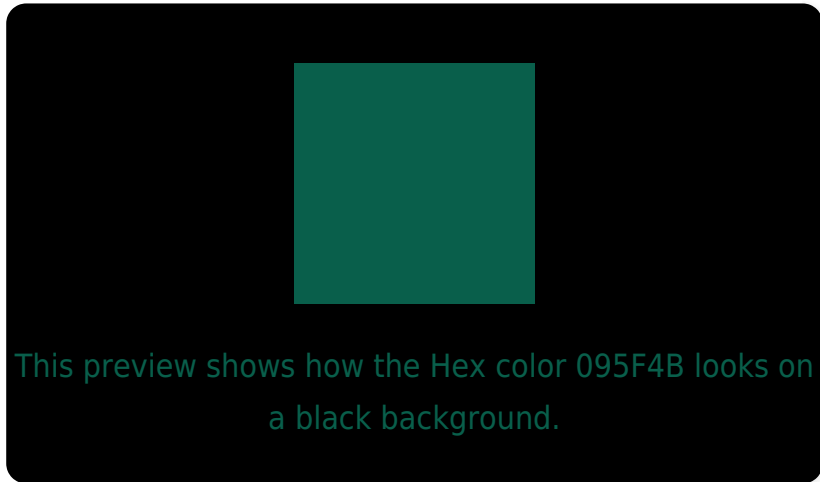
Large Text (above 18pt) WCAG AA ✓ Pass

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

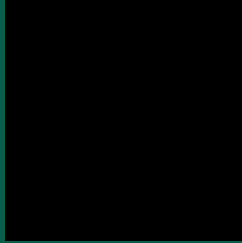
Any Text WCAG AA × Fail

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 095F4B Background



This preview shows how black text looks on a background with the Hex color 095F4B.



This preview shows how white text looks on a background with the Hex color 095F4B.

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
095F4B

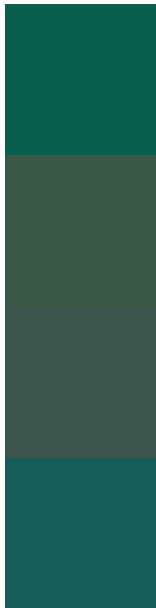
Protanopia
585345

Deuteranopia
5D504E



Tritanopia
1E5C63

Trichromacy



Original Color
095F4B

Protanomaly
3B5747

Deuteranomaly
3E554D

Tritanomaly
165D5A

Monochromacy



Original Color
095F4B

Achromatopsia
434343

Achromatomaly
2E4D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 095F4B 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 #095F4B looks like.

```
.text, #text, p{  
    color:#095F4B  
}
```

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 #095F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095F4B
}
```

Border

The CSS property to change the border of an element to Hex 095F4B 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
#095F4B }
```

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

```
.border{ border-color:#095F4B }
```

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

Here you see how a box with a 4 pixel #095F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095F4B; -webkit-box-shadow:4px 4px  
4px 4px #095F4B; box-shadow:4px 4px 4px  
4px #095F4B }
```

Background

The CSS property to change the background color of an element to Hex 095F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095F4B }
```

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

```
.background{ background-color:#095F4B }
```

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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