

Converting Colors

Hex(09744A)

Have a look what the booklet for
Hex(09744A) contains.

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Color

Hex(09744A)

Conversions

Conversions Part 1

Format	Color
Hex	09744A
RGB	9, 116, 74
RGB Percent	4%, 45%, 29%
CMY	0.9647, 0.5451, 0.7098
CMYK	0.92, 0.00, 0.36, 0.55
HSL	156°, 86%, 25%
HSV	156°, 92%, 45%
XYZ	7.5941, 13.0433, 8.5959
YIQ	79.2190, -50.2900, -35.7460

Conversions

Conversions Part 2

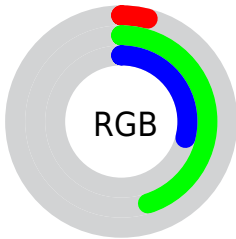
Format	Color
RYB	9, 76, 116
Decimal	619594
CIELab	42.83, -38.22, 15.63
CIELCh	43, 41.291, 157.756
Yxy	13.0433, 0.2598, 0.4462
Android (android.graphics.Color)	4278809674 (0xFF09744A)
YUV	79.2190, -2.5730, -61.5821
Hunter-Lab	36.1155, -25.6685, 11.1691

Details

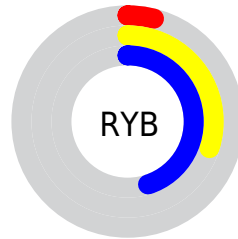
The Hex color **09744A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **740933**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4EA97B**, and **00421E** is the 20% darker color. If you saturate the color by 10%, you get **007446**, and if you desaturate by 10%, it is **15744F**.

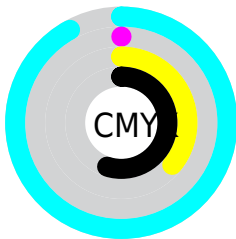
Distribution



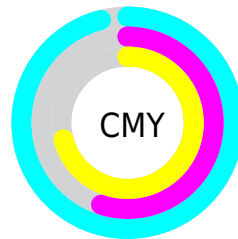
- Red (4%)
- Green (45%)
- Blue (29%)



- Red (4%)
- Yellow (30%)
- Blue (45%)



- Cyan (92%)
- Magenta (0%)
- Yellow (36%)
- Black (55%)



- Cyan (96%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09744A 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 09744A by changing the saturation by 10% instead.



09744A



09744A

FFFFFF



005B33



4EA97B



00421E



69C595



002C06



85E1B0



001200



A1FECB



000000



BDFFE7



DAFFFF



F8FFFF



09744A



09744A

■ 007446

■ 15744F

■ 207453

■ 2C7458

■ 37745C

■ 437461

■ 4F7465

■ 5A746A

■ 66746E

■ 717473

Harmonies

Analogous

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



4B6F2C



09744A



00766D

Triad

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



09744A



3366A9



9F4D3D

Complementary

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



09744A



740933

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.



A4465E



09744A



73589B

Square

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



09744A



0070A4



964B80



8C5A24

Rectangle

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



09744A



007584



964B80



A24A47

Sweetspot

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



09744A



6C9686



347409



324D42



CCCCCC



4D4D4D

Same Dimension

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



09744A



00965B



096974



353B38



007A4A



00FA98

Inverse Universe

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



740933



96003B



741409



3B3537



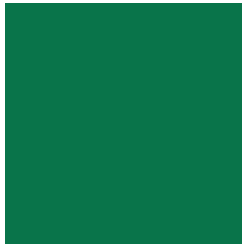
7A0030



FA0062

Previews

White Background



This preview shows how the Hex color 09744A looks on a white background.

Color Contrast Check

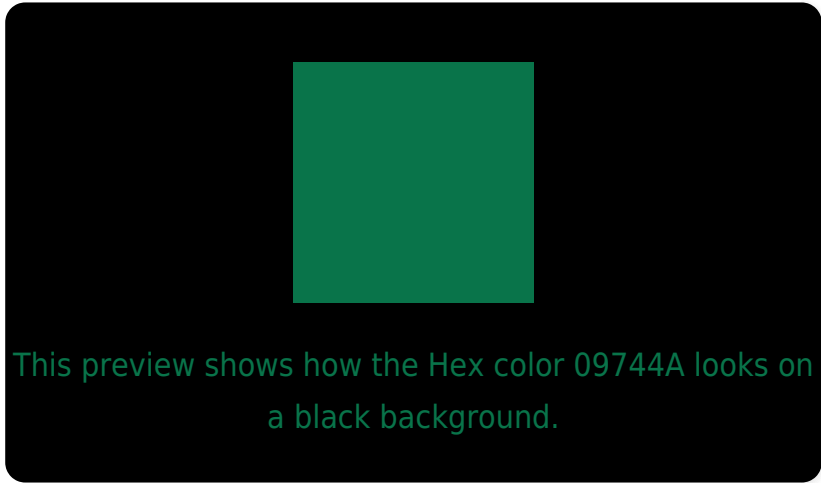
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 09744A Background



This preview shows how black text looks on a background with the Hex color 09744A.

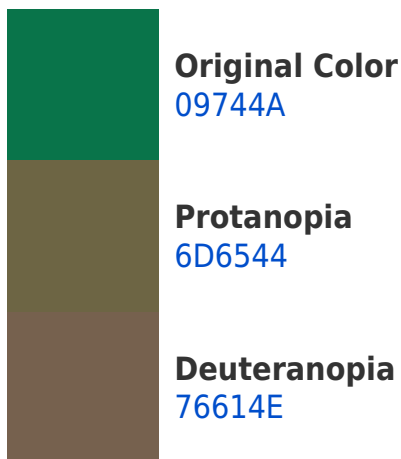


This preview shows how white text looks on a background with the Hex color 09744A.

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
2A6E77

Trichromacy



Original Color
09744A

Protanomaly
496A46

Deuteranomaly
4E684D

Tritanomaly
1E7067

Monochromacy



Original Color
09744A

Achromatopsia
4F4F4F

Achromatomaly
365C4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 09744A 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 #09744A looks like.

```
.text, #text, p{  
    color:#09744A  
}
```

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 #09744A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09744A
}
```

Border

The CSS property to change the border of an element to Hex 09744A 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".

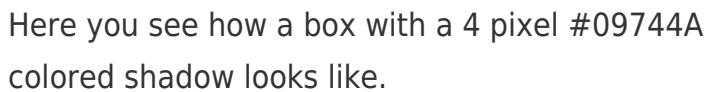
```
.border, #border, table{ border:4px solid
#09744A }
```

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

```
.border{ border-color:#09744A }
```

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

Here you see how a box with a 4 pixel #09744A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09744A; -webkit-box-shadow:4px 4px  
4px 4px #09744A; box-shadow:4px 4px 4px  
4px #09744A }
```

Background

The CSS property to change the background color of an element to Hex 09744A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09744A }
```

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

```
.background{ background-color:#09744A }
```

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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