

Converting Colors

Hex(09684B)

Have a look what the booklet for
Hex(09684B) contains.

Hex(09684B)	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(09684B)

Conversions

Conversions Part 1

Format	Color
Hex	09684B
RGB	9, 104, 75
RGB Percent	4%, 41%, 29%
CMY	0.9647, 0.5922, 0.7059
CMYK	0.91, 0.00, 0.28, 0.59
HSL	162°, 84%, 22%
HSV	162°, 91%, 41%
XYZ	6.3330, 10.4667, 8.3431
YIQ	72.2890, -47.3110, -29.1590

Conversions

Conversions Part 2

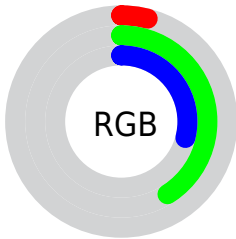
Format	Color
RYB	9, 65, 104
Decimal	616523
CIELab	38.67, -32.93, 9.31
CIELCh	39, 34.222, 164.221
Yxy	10.4667, 0.2519, 0.4163
Android (android.graphics.Color)	4278806603 (0xFF09684B)
YUV	72.2890, 1.3365, -55.5045
Hunter-Lab	32.3523, -21.6751, 7.3567

Details

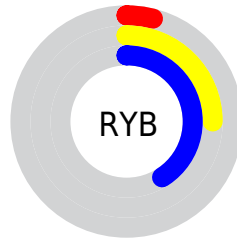
The Hex color **09684B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **680926**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4A9C7C**, and **00381F** is the 20% darker color. If you saturate the color by 10%, you get **006848**, and if you desaturate by 10%, it is **13684E**.

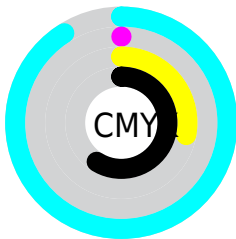
Distribution



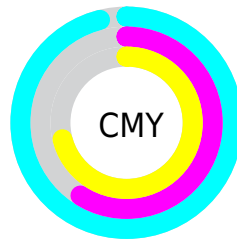
- Red (4%)
- Green (41%)
- Blue (29%)



- Red (4%)
- Yellow (25%)
- Blue (41%)



- Cyan (91%)
- Magenta (0%)
- Yellow (28%)
- Black (59%)



- Cyan (96%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09684B 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 09684B by changing the saturation by 10% instead.



09684B



09684B

FFFFFF



004F34



4A9C7C



00381F



65B796



002307



80D3B0



000000



9CF0CC



B8FFE8



D5FFFF



F2FFFF



09684B



09684B

■ 006848

■ 13684E

■ 1E6851

■ 286855

■ 336858

■ 3D685B

■ 47685E

■ 526861

■ 5C6864

■ 676868

Harmonies

Analogous

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



3F6432



09684B



006968

Triad

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



09684B



435991



894A36

Complementary

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



09684B



680926

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.



8F434F



09684B



6E4E83

Square

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



09684B



006290



87456B



775424

Rectangle

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



09684B



006879



87456B



8C473D

Sweetspot

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



09684B



63877C



276809



2F453E



C4C4C4



454545

Same Dimension

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



09684B



00875E



095768



2E3331



007350



00F2A8

Inverse Universe

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



680926



870029



681A09



332E2F



730023



F2004A

Previews

White Background



This preview shows how the Hex color 09684B looks on a white background.

Color Contrast Check

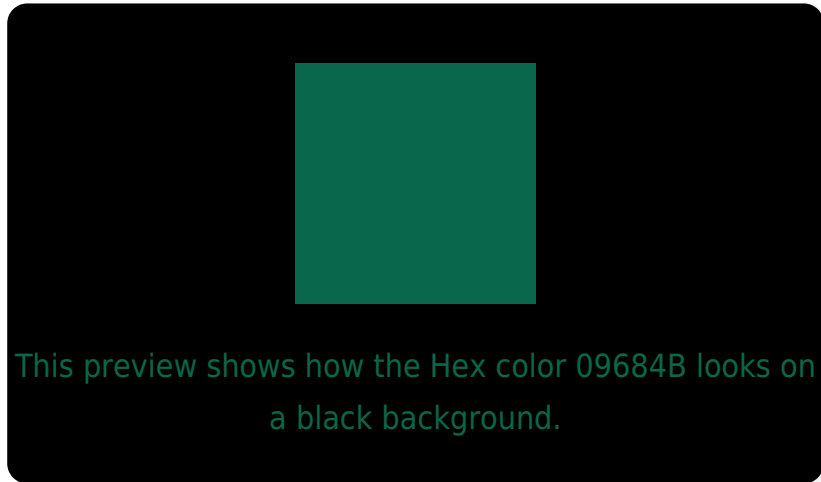
Large Text (above 18pt) WCAG AA ✓ Pass

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

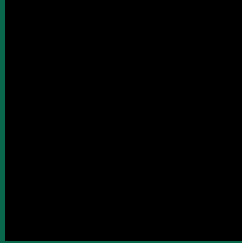
Any Text WCAG AA × Fail

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 09684B Background



This preview shows how black text looks on a background with the Hex color 09684B.

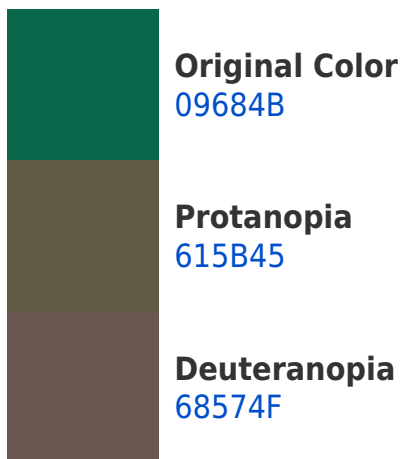



This preview shows how white text looks on a background with the Hex color 09684B.

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
23646C

Trichromacy



Original Color
09684B

Protanomaly
416047

Deuteranomaly
455D4E

Tritanomaly
1A6560

Monochromacy



Original Color
09684B

Achromatopsia
484848

Achromatomaly
315449

CSS Examples

Text

The CSS property to change the color of the text to Hex 09684B 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 #09684B looks like.

```
.text, #text, p{  
    color:#09684B  
}
```

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 #09684B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09684B
}
```

Border

The CSS property to change the border of an element to Hex 09684B 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
#09684B }
```

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

```
.border{ border-color:#09684B }
```

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

Here you see how a box with a 4 pixel #09684B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09684B; -webkit-box-shadow:4px 4px  
4px 4px #09684B; box-shadow:4px 4px 4px  
4px #09684B }
```

Background

The CSS property to change the background color of an element to Hex 09684B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09684B }
```

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

```
.background{ background-color:#09684B }
```

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