

Converting Colors

Hex(00844C)

Have a look what the booklet for
Hex(00844C) contains.

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Color

Hex(00844C)

Conversions

Conversions Part 1

Format	Color
Hex	00844C
RGB	0, 132, 76
RGB Percent	0%, 52%, 30%
CMY	1.0000, 0.4824, 0.7020
CMYK	1.00, 0.00, 0.42, 0.48
HSL	155°, 100%, 26%
HSV	155°, 100%, 52%
XYZ	9.5558, 17.0243, 9.6199
YIQ	86.1480, -60.6960, -45.4000

Conversions

Conversions Part 2

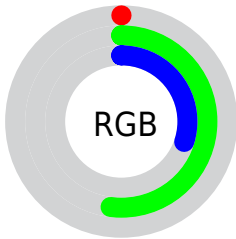
Format	Color
RYB	0, 84, 132
Decimal	33868
CIELab	48.29, -44.62, 21.77
CIELCh	48, 49.648, 153.994
Yxy	17.0243, 0.2640, 0.4703
Android (android.graphics.Color)	4278223948 (0xFF00844C)
YUV	86.1480, -5.0030, -75.5518
Hunter-Lab	41.2606, -30.8661, 15.0590

Details

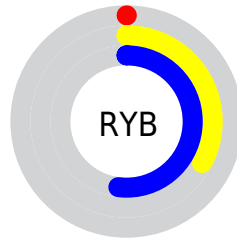
The Hex color **00844C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **840038**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **50BA7D**, and **00511F** is the 20% darker color. If you saturate the color by 10%, you get **00844C**, and if you desaturate by 10%, it is **0D8452**.

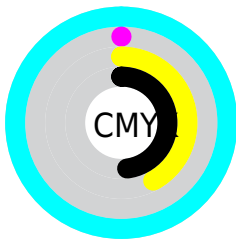
Distribution



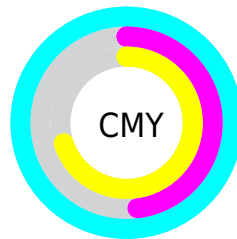
- Red (0%)
- Green (52%)
- Blue (30%)



- Red (0%)
- Yellow (33%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00844C 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 00844C by changing the saturation by 10% instead.

 00844C

 00844C

FFFFFF

 006A35

 50BA7D

 00511F

 6DD698

 003908

 89F3B2

 002400

 A6FFCE

 000000

 C3FFEA

 E0FFFF

FEFFFF

 00844C

 0D8452

 1A8457

 28845D

 358462

 428468

 4F846E

 5C8473

 6A8479

 77847E

Harmonies

Analogous

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



587E27



00844C



008777

Triad

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



00844C



0976C7



BA5246

Complementary

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



00844C



840038

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.



BE4B6F



00844C



7B65B9

Square

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



00844C



0081BE



AA5398



A56325

Rectangle

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



00844C



008794



AA5398



BE4E53

Sweetspot

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



00844C



78AB95



398400



375749



D6D6D6



575757

Same Dimension

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



00844C



00AB62



007B84



3C423F



00824B



000301

Inverse Universe

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



840038



AB0048



840900



423C3E



820037



030001

Previews

White Background



This preview shows how the Hex color 00844C looks on a white background.

Color Contrast Check

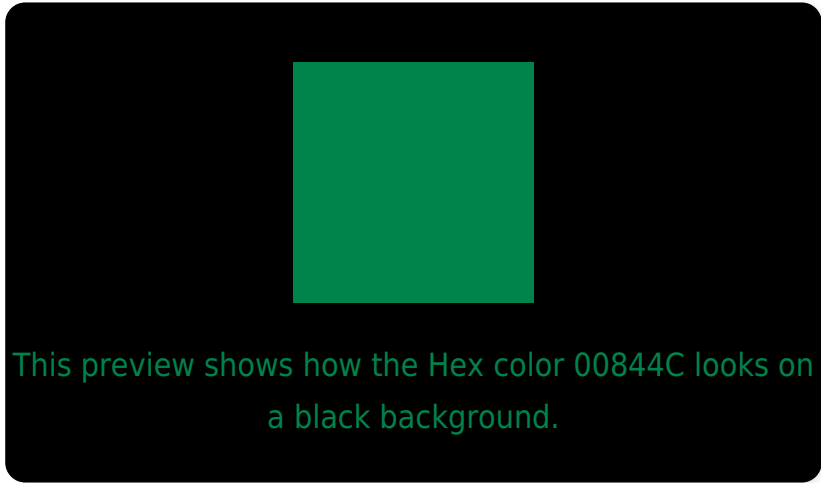
Large Text (above 18pt) WCAG AA ✓ Pass

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

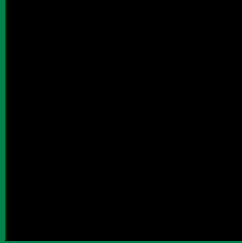
Any Text WCAG AA × Fail

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 00844C Background



This preview shows how black text looks on a background with the Hex color 00844C.



This preview shows how white text looks on a background with the Hex color 00844C.

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
00844C

Protanopia
7D7245

Deuteranopia
886D51



Tritanopia
317D87

Trichromacy



Original Color
00844C



Protanomaly
507948



Deuteranomaly
57754F



Tritanomaly
1F8072

Monochromacy



Original Color
00844C



Achromatopsia
565656



Achromatomaly
376752

CSS Examples

Text

The CSS property to change the color of the text to Hex 00844C 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 #00844C looks like.

```
.text, #text, p{  
    color:#00844C  
}
```

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 #00844C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00844C
}
```

Border

The CSS property to change the border of an element to Hex 00844C 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
#00844C }
```

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

```
.border{ border-color:#00844C }
```

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

Here you see how a box with a 4 pixel #00844C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00844C; -webkit-box-shadow:4px 4px  
4px 4px #00844C; box-shadow:4px 4px 4px  
4px #00844C }
```

Background

The CSS property to change the background color of an element to Hex 00844C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00844C }
```

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

```
.background{ background-color:#00844C }
```

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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