

Converting Colors

Hex(00814D)

Have a look what the booklet for
Hex(00814D) contains.

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Color

Hex(00814D)

Conversions

Conversions Part 1

Format	Color
Hex	00814D
RGB	0, 129, 77
RGB Percent	0%, 51%, 30%
CMY	1.0000, 0.4941, 0.6980
CMYK	1.00, 0.00, 0.40, 0.49
HSL	156°, 100%, 25%
HSV	156°, 100%, 51%
XYZ	9.1898, 16.2363, 9.6708
YIQ	84.5010, -60.1920, -43.5200

Conversions

Conversions Part 2

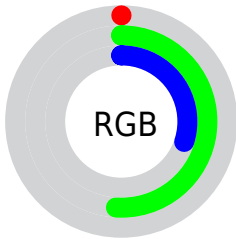
Format	Color
RYB	0, 81, 129
Decimal	33101
CIELab	47.28, -43.28, 19.87
CIELCh	47, 47.629, 155.337
Yxy	16.2363, 0.2618, 0.4626
Android (android.graphics.Color)	4278223181 (0xFF00814D)
YUV	84.5010, -3.6980, -74.1074
Hunter-Lab	40.2943, -29.8051, 13.9763

Details

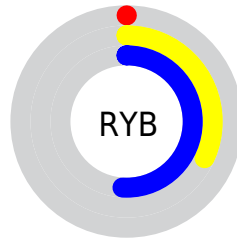
The Hex color **00814D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **810034**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **4FB77E**, and **004E20** is the 20% darker color. If you saturate the color by 10%, you get **00814D**, and if you desaturate by 10%, it is **0D8152**.

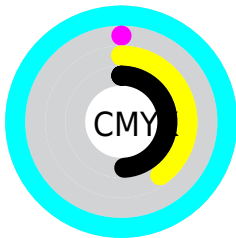
Distribution



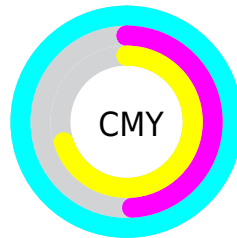
- Red (0%)
- Green (51%)
- Blue (30%)



- Red (0%)
- Yellow (32%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00814D 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 00814D by changing the saturation by 10% instead.

 00814D

 00814D

FFFFFF

 006736

 4FB77E

 004E20

 6CD399

 00360A

 88F0B3

 002100

 A4FFCF

 000000

 C1FFEB

 DEFFFF

 FCFFFF

 00814D

 0D8152

 1A8157

 27815D

 348162

 418167

 4D816C

 5A8171

 678177

 74817C

Harmonies

Analogous

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



557B2A



00814D



008376

Triad

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



00814D



2172C0



B55244

Complementary

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



00814D



810034

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.



B84A6B



00814D



7B62B2

Square

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



00814D



007DB9



A65292



9F6225

Rectangle

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



00814D



008391



A65292



B84E50

Sweetspot

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



00814D



76A894



368100



365448



D4D4D4



545454

Same Dimension

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



00814D



00A864



007681



39403D



00804C



000000

Inverse Universe

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



810034



A80044



810B00



40393C



800033



000000

Previews

White Background



This preview shows how the Hex color 00814D looks on a white background.

Color Contrast Check

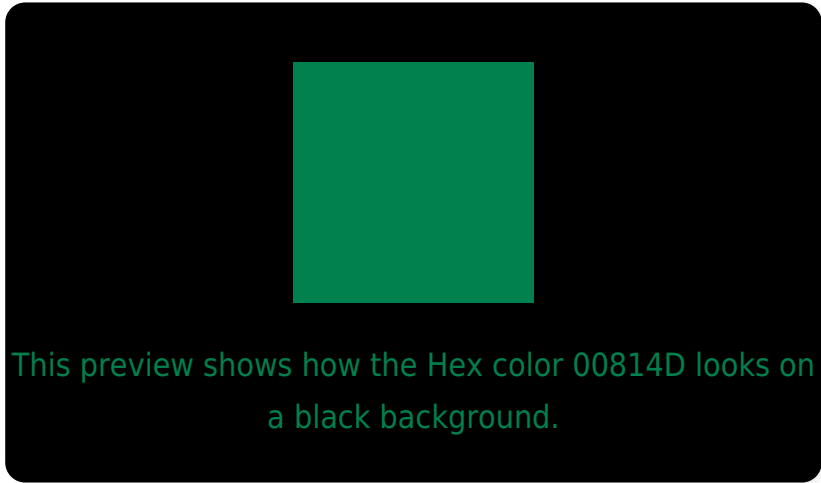
Large Text (above 18pt) WCAG AA ✓ Pass

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 00814D Background



This preview shows how black text looks on a background with the Hex color 00814D.



This preview shows how white text looks on a background with the Hex color 00814D.

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
00814D

Protanopia
7A7046

Deuteranopia
846B52



Tritanopia
2F7A84

Trichromacy



Original Color
00814D



Protanomaly
4E7649



Deuteranomaly
547350



Tritanomaly
1E7D70

Monochromacy



Original Color
00814D



Achromatopsia
555555



Achromatomaly
366552

CSS Examples

Text

The CSS property to change the color of the text to Hex 00814D 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 #00814D looks like.

```
.text, #text, p{  
    color:#00814D  
}
```

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 #00814D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00814D
}
```

Border

The CSS property to change the border of an element to Hex 00814D 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
#00814D }
```

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

```
.border{ border-color:#00814D }
```

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

Here you see how a box with a 4 pixel #00814D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00814D; -webkit-box-shadow:4px 4px  
4px 4px #00814D; box-shadow:4px 4px 4px  
4px #00814D }
```

Background

The CSS property to change the background color of an element to Hex 00814D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00814D }
```

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

```
.background{ background-color:#00814D }
```

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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