

Converting Colors

Hex(00794A)

Have a look what the booklet for
Hex(00794A) contains.

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Color

Hex(00794A)

Conversions

Conversions Part 1

Format	Color
Hex	00794A
RGB	0, 121, 74
RGB Percent	0%, 47%, 29%
CMY	1.0000, 0.5255, 0.7098
CMYK	1.00, 0.00, 0.39, 0.53
HSL	157°, 100%, 24%
HSV	157°, 100%, 47%
XYZ	8.0734, 14.1692, 8.7880
YIQ	79.4630, -57.0290, -40.2690

Conversions

Conversions Part 2

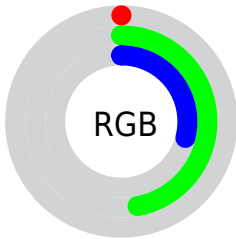
Format	Color
RYB	0, 75, 121
Decimal	31050
CIELab	44.47, -40.88, 17.83
CIELCh	44, 44.597, 156.427
Yxy	14.1692, 0.2602, 0.4566
Android (android.graphics.Color)	4278221130 (0xFF00794A)
YUV	79.4630, -2.6933, -69.6891
Hunter-Lab	37.6419, -27.5889, 12.5074

Details

The Hex color **00794A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **79002F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4CAE7B**, and **00471D** is the 20% darker color. If you saturate the color by 10%, you get **00794A**, and if you desaturate by 10%, it is **0C794F**.

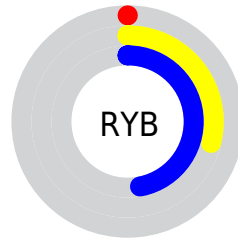
Distribution



Red (0%)

Green (47%)

Blue (29%)



Red (0%)

Yellow (29%)

Blue (47%)

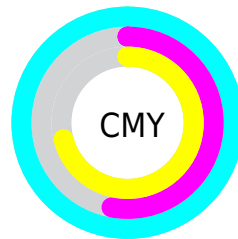


Cyan (100%)

Magenta (0%)

Yellow (39%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00794A 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 00794A by changing the saturation by 10% instead.

 00794A

 00794A

FFFFFF

 006033

 4CAE7B

 00471D

 69CA95

 003006

 85E7B0

 001800

 A1FFCB

 000000

 BDFFE7

 DAFFFF

 F8FFFF

 00794A

 0C794F

 187953

 247958

 30795D

 3C7962

 497966

 55796B

 617970

 6D7974

Harmonies

Analogous

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



4E7329



00794A



007B70

Triad

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



00794A



286BB3



A84E3F

Complementary

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



00794A



79002F

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.



AC4763



00794A



755CA5

Square

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



00794A



0075AD



9C4D88



945C23

Rectangle

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



00794A



007B89



9C4D88



AC4A4A

Sweetspot

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



00794A



6F9E8C



307900



334F44



CFCFCF



4F4F4F

Same Dimension

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



00794A



009E61



006D79



373D3B



007D4C



00FC9A

Inverse Universe

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



79002F



9E003D



790C00



3D3739



7D0031



FC0062

Previews

White Background



This preview shows how the Hex color 00794A looks on a white background.

Color Contrast Check

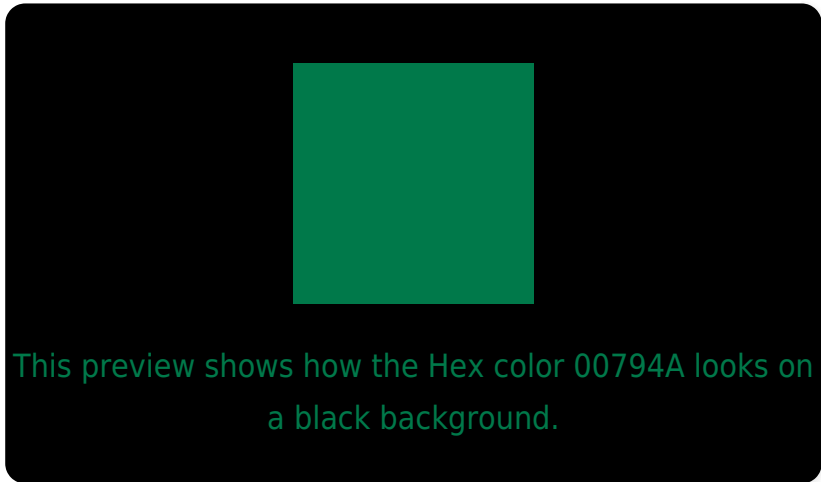
Large Text (above 18pt) WCAG AA ✓ Pass

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

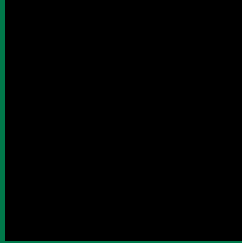
Any Text WCAG AA × Fail

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 00794A Background



This preview shows how black text looks on a background with the Hex color 00794A.



This preview shows how white text looks on a background with the Hex color 00794A.

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
00794A

Protanopia
726943

Deuteranopia
7C654F



Tritanopia
2C737C

Trichromacy



Original Color
00794A



Protanomaly
496F46



Deuteranomaly
4F6C4D



Tritanomaly
1C756A

Monochromacy



Original Color
00794A



Achromatopsia
4F4F4F



Achromatomaly
325E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00794A 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 #00794A looks like.

```
.text, #text, p{  
    color:#00794A  
}
```

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 #00794A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00794A
}
```

Border

The CSS property to change the border of an element to Hex 00794A 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
#00794A }
```

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

```
.border{ border-color:#00794A }
```

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

Here you see how a box with a 4 pixel #00794A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00794A; -webkit-box-shadow:4px 4px  
4px 4px #00794A; box-shadow:4px 4px 4px  
4px #00794A }
```

Background

The CSS property to change the background color of an element to Hex 00794A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00794A }
```

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

```
.background{ background-color:#00794A }
```

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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