

Converting Colors

Hex(00793A)

Have a look what the booklet for
Hex(00793A) contains.

Hex(00793A)	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(00793A)

Conversions

Conversions Part 1

Format	Color
Hex	00793A
RGB	0, 121, 58
RGB Percent	0%, 47%, 23%
CMY	1.0000, 0.5255, 0.7725
CMYK	1.00, 0.00, 0.52, 0.53
HSL	149°, 100%, 24%
HSV	149°, 100%, 47%
XYZ	7.6011, 13.9802, 6.3008
YIQ	77.6390, -51.8930, -45.2450

Conversions

Conversions Part 2

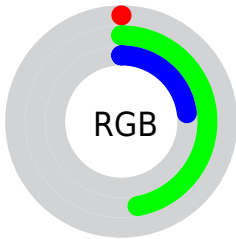
Format	Color
RYB	0, 82, 121
Decimal	31034
CIELab	44.20, -44.08, 26.44
CIELCh	44, 51.406, 149.044
Yxy	13.9802, 0.2726, 0.5014
Android (android.graphics.Color)	4278221114 (0xFF00793A)
YUV	77.6390, -9.6820, -68.0894
Hunter-Lab	37.3901, -29.1453, 16.1818

Details

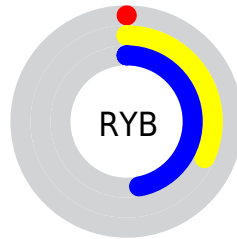
The Hex color **00793A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **79003F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4CAE6A**, and **00470C** is the 20% darker color. If you saturate the color by 10%, you get **00793A**, and if you desaturate by 10%, it is **0C7940**.

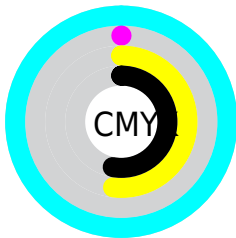
Distribution



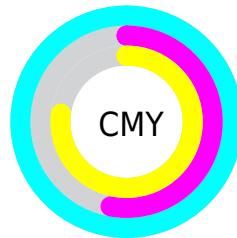
- Red (0%)
- Green (47%)
- Blue (23%)



- Red (0%)
- Yellow (32%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00793A 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 00793A by changing the saturation by 10% instead.

 00793A

 00793A

FFFFFF

 005F23

 4CAE6A

 00470C

 69CA84

 003000

 85E79E

 001700

 A1FFBA

 000000

 BEFFD5

 DBFFF2

 F8FFFF

 00793A

 0C7940

 187947

 24794D

 307953

 3C795A

 497960

 557966

 61796C

 6D7973

Harmonies

Analogous

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



547213



00793A



007C66

Triad

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



00793A



006EBE



B24442

Complementary

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



00793A



79003F

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.



B23D6C



00793A



655EB4

Square

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



00793A



0078B1



9A4A95



9F551D

Rectangle

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



00793A



007C83



9A4A95



B5404F

Sweetspot

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



00793A



6F9E85



417900



334F40



CFCFCF



4F4F4F

Same Dimension

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



00793A



009E4C



007975



373D3A



007D3C



00FC79

Inverse Universe

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



79003F



9E0052



790004



3D373A



7D0041



FC0083

Previews

White Background



This preview shows how the Hex color 00793A looks on a white background.

Color Contrast Check

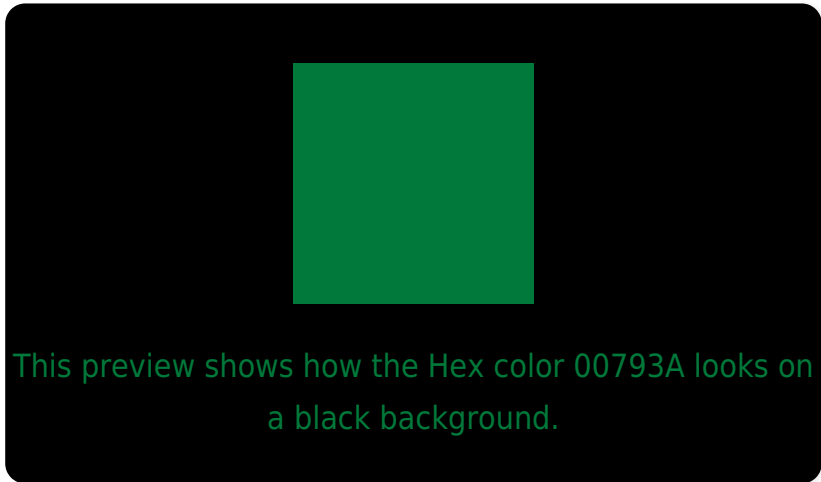
Large Text (above 18pt) WCAG AA ✓ Pass

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

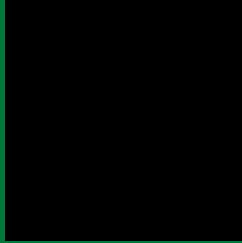
Any Text WCAG AA × Fail

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 00793A Background



This preview shows how black text looks on a background with the Hex color 00793A.



This preview shows how white text looks on a background with the Hex color 00793A.

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
00793A

Protanopia
736834

Deuteranopia
7E6440



Tritanopia
2F727B

Trichromacy



Original Color
00793A



Protanomaly
496E36



Deuteranomaly
506C3E



Tritanomaly
1E7563

Monochromacy



Original Color
00793A



Achromatopsia
4E4E4E



Achromatomaly
325E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 00793A 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 #00793A looks like.

```
.text, #text, p{  
    color:#00793A  
}
```

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 #00793A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00793A
}
```

Border

The CSS property to change the border of an element to Hex 00793A 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
#00793A }
```

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

```
.border{ border-color:#00793A }
```

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

Here you see how a box with a 4 pixel #00793A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00793A; -webkit-box-shadow:4px 4px  
4px 4px #00793A; box-shadow:4px 4px 4px  
4px #00793A }
```

Background

The CSS property to change the background color of an element to Hex 00793A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00793A }
```

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

```
.background{ background-color:#00793A }
```

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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