

Converting Colors

Hex(007A3A)

Have a look what the booklet for
Hex(007A3A) contains.

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Color

Hex(007A3A)

Conversions

Conversions Part 1

Format	Color
Hex	007A3A
RGB	0, 122, 58
RGB Percent	0%, 48%, 23%
CMY	1.0000, 0.5216, 0.7725
CMYK	1.00, 0.00, 0.52, 0.52
HSL	149°, 100%, 24%
HSV	149°, 100%, 48%
XYZ	7.7233, 14.2246, 6.3415
YIQ	78.2260, -52.1680, -45.7680

Conversions

Conversions Part 2

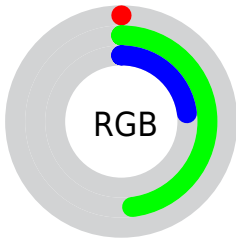
Format	Color
RYB	0, 83, 122
Decimal	31290
CIELab	44.55, -44.44, 26.88
CIELCh	45, 51.935, 148.834
Yxy	14.2246, 0.2730, 0.5028
Android (android.graphics.Color)	4278221370 (0xFF007A3A)
YUV	78.2260, -9.9714, -68.6042
Hunter-Lab	37.7155, -29.4494, 16.4317

Details

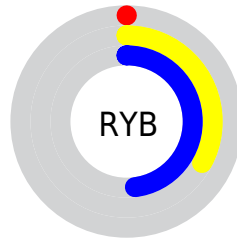
The Hex color **007A3A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A0040**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4DB06B**, and **00480C** is the 20% darker color. If you saturate the color by 10%, you get **007A3A**, and if you desaturate by 10%, it is **0C7A40**.

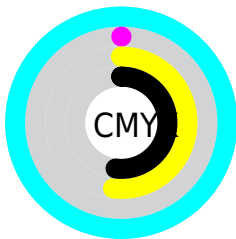
Distribution



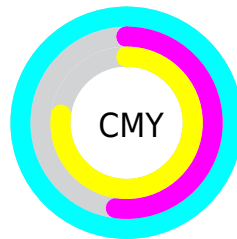
- Red (0%)
- Green (48%)
- Blue (23%)



- Red (0%)
- Yellow (33%)
- Blue (48%)



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



- Cyan (100%)
- Magenta (52%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007A3A 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 007A3A by changing the saturation by 10% instead.

 007A3A

 007A3A

FFFFFF

 006023

 4DB06B

 00480C

 69CB84

 003000

 85E89E

 001900

 A2FFBA

 000000

 BEFFD6

 DBFFF2


 F9FFFF

 007A3A

 0C7A40

 187A47

 257A4D

 317A54

 3D7A5A

 497A60

 557A67

 627A6D

 6E7A74

Harmonies

Analogous

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



557312



007A3A



007D66

Triad

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



007A3A



006FC0



B44442

Complementary

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



007A3A



7A0040

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.



B43E6D



007A3A



655FB6

Square

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



007A3A



0079B3



9B4B97



A1561D

Rectangle

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



007A3A



007D84



9B4B97



B74050

Sweetspot

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



007A3A



6F9E85



417A00



334F40



CFCFCF



4F4F4F

Same Dimension

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



007A3A



009E4B



007A76



373D3A



007D3B



00FC78

Inverse Universe

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



7A0040



9E0053



7A0004



3D373A



7D0042



FC0084

Previews

White Background



This preview shows how the Hex color 007A3A looks on a white background.

Color Contrast Check

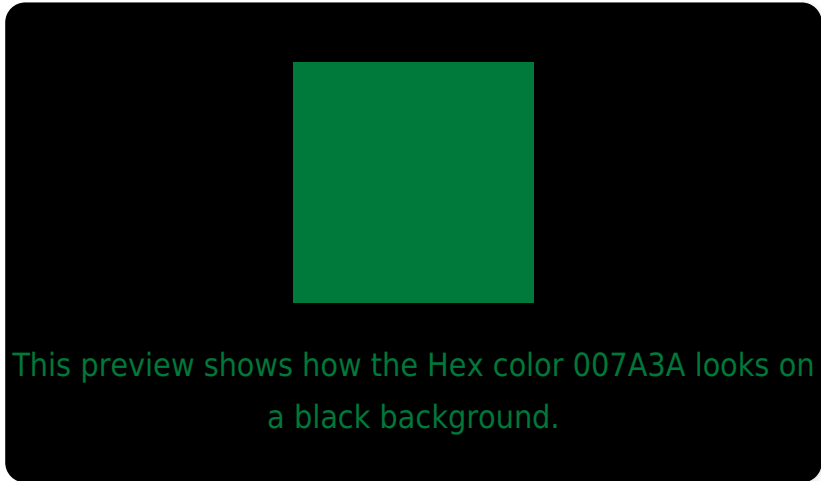
Large Text (above 18pt) WCAG AA ✓ Pass

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 007A3A Background



This preview shows how black text looks on a background with the Hex color 007A3A.



This preview shows how white text looks on a background with the Hex color 007A3A.

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
007A3A

Protanopia
746934

Deuteranopia
7F6440



Tritanopia
2F737C

Trichromacy



Original Color
007A3A



Protanomaly
4A6F36



Deuteranomaly
516C3E



Tritanomaly
1E7664

Monochromacy



Original Color
007A3A



Achromatopsia
4E4E4E



Achromatomaly
325E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 007A3A 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 #007A3A looks like.

```
.text, #text, p{  
    color:#007A3A  
}
```

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 #007A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A3A
}
```

Border

The CSS property to change the border of an element to Hex 007A3A 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
#007A3A }
```

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

```
.border{ border-color:#007A3A }
```

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

Here you see how a box with a 4 pixel #007A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A3A; -webkit-box-shadow:4px 4px  
4px 4px #007A3A; box-shadow:4px 4px 4px  
4px #007A3A }
```

Background

The CSS property to change the background color of an element to Hex 007A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A3A }
```

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

```
.background{ background-color:#007A3A }
```

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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