

Converting Colors

Hex(007A2C)

Have a look what the booklet for
Hex(007A2C) contains.

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Color

Hex(007A2C)

Conversions

Conversions Part 1

Format	Color
Hex	007A2C
RGB	0, 122, 44
RGB Percent	0%, 48%, 17%
CMY	1.0000, 0.5216, 0.8275
CMYK	1.00, 0.00, 0.64, 0.52
HSL	142°, 100%, 24%
HSV	142°, 100%, 48%
XYZ	7.4142, 14.1009, 4.7139
YIQ	76.6300, -47.6740, -50.1220

Conversions

Conversions Part 2

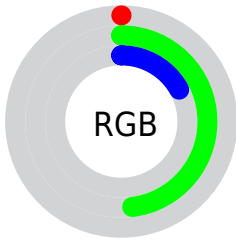
Format	Color
RYB	0, 90, 122
Decimal	31276
CIELab	44.38, -46.61, 33.87
CIELCh	44, 57.617, 143.993
Yxy	14.1009, 0.2827, 0.5376
Android (android.graphics.Color)	4278221356 (0xFF007A2C)
YUV	76.6300, -16.0866, -67.2045
Hunter-Lab	37.5512, -30.4713, 18.8431

Details

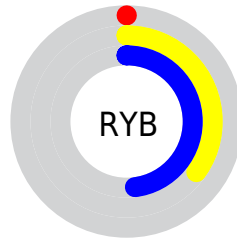
The Hex color **007A2C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7A004E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4DB05D**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **007A2C**, and if you desaturate by 10%, it is **0C7A34**.

Distribution



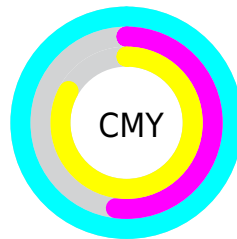
- Red (0%)
- Green (48%)
- Blue (17%)



- Red (0%)
- Yellow (35%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007A2C 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 007A2C by changing the saturation by 10% instead.

 007A2C

 007A2C

FFFFFF

 006014

 4DB05D

 004800

 6ACB76

 003000

 86E890

 001800

 A2FFAB

 000000

 BFFFC7

 DCFE3


 FAAAAF

 007A2C

 0C7A34

 187A3C

 257A43

 317A4B

 3D7A53

 497A5B

 557A63

 627A6A

 6E7A72

Harmonies

Analogous

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



5A7200



007A2C



007E5D

Triad

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



007A2C



0072C9



BC3A45

Complementary

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



007A2C



7A004E

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.



B83575



007A2C



5260C1

Square

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



007A2C



007BB6



9949A2



A94F18

Rectangle

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



007A2C



007F7F



9949A2



BE3555

Sweetspot

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



007A2C



6F9E80



4F7A00



334F3D



CFCFCF



4F4F4F

Same Dimension

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



007A2C



009E39



007A68



373D39



007D2D



00FC5B

Inverse Universe

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



7A004E



9E0065



7A0012



3D373B



7D0050



FC00A1

Previews

White Background



This preview shows how the Hex color 007A2C looks on a white background.

Color Contrast Check

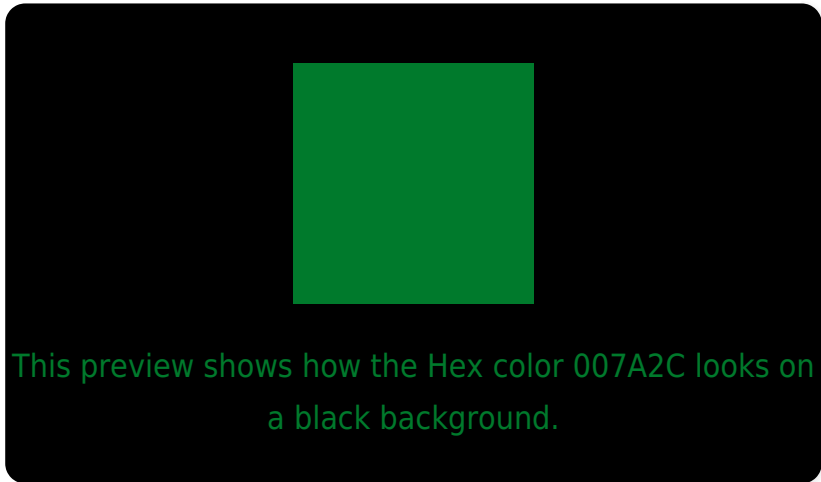
Large Text (above 18pt) WCAG AA ✓ Pass

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 007A2C Background



This preview shows how black text looks on a background with the Hex color 007A2C.



This preview shows how white text looks on a background with the Hex color 007A2C.

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
007A2C

Protanopia
756927

Deuteranopia
816433



Tritanopia
31727B

Trichromacy



Original Color
007A2C



Protanomaly
4A6F29



Deuteranomaly
526C30



Tritanomaly
1F755E

Monochromacy



Original Color
007A2C



Achromatopsia
4D4D4D



Achromatomaly
315D41

CSS Examples

Text

The CSS property to change the color of the text to Hex 007A2C 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 #007A2C looks like.

```
.text, #text, p{  
    color:#007A2C  
}
```

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 #007A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A2C
}
```

Border

The CSS property to change the border of an element to Hex 007A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

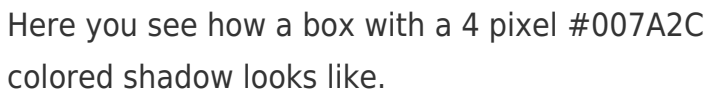
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#007A2C }
```

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

```
.border{ border-color:#007A2C }
```

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



Here you see how a box with a 4 pixel #007A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A2C; -webkit-box-shadow:4px 4px  
4px 4px #007A2C; box-shadow:4px 4px 4px  
4px #007A2C }
```

Background

The CSS property to change the background color of an element to Hex 007A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A2C }
```

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

```
.background{ background-color:#007A2C }
```

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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