

Converting Colors

Hex(00802A)

Have a look what the booklet for
Hex(00802A) contains.

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Color

Hex(00802A)

Conversions

Conversions Part 1	
Format	Color
Hex	00802A
RGB	0, 128, 42
RGB Percent	0%, 50%, 16%
CMY	1.0000, 0.4980, 0.8353
CMYK	1.00, 0.00, 0.67, 0.50
HSL	140°, 100%, 25%
HSV	140°, 100%, 50%
XYZ	8.1371, 15.6055, 4.7738
YIQ	79.9240, -48.6820, -53.8820

Conversions

Conversions Part 2

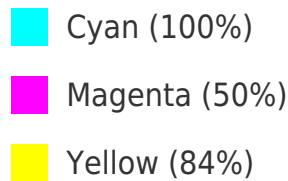
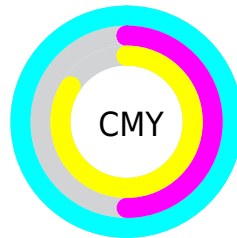
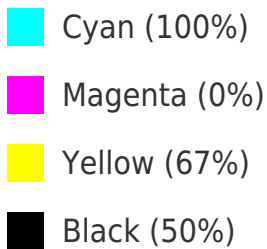
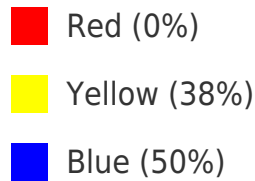
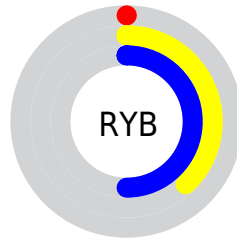
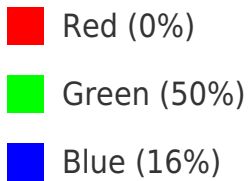
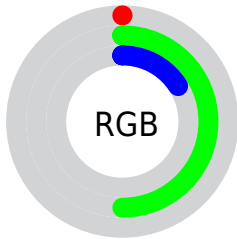
Format	Color
RYB	0, 96, 128
Decimal	32810
CIELab	46.45, -48.83, 37.15
CIELCh	46, 61.354, 142.730
Yxy	15.6055, 0.2853, 0.5472
Android (android.graphics.Color)	4278222890 (0xFF00802A)
YUV	79.9240, -18.6965, -70.0933
Hunter-Lab	39.5038, -32.3638, 20.4878

Details

The Hex color **00802A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **800056**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **50B65B**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **00802A**, and if you desaturate by 10%, it is **0D8033**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 00802A 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 00802A by changing the saturation by 10% instead.

 00802A

 00802A

FFFFFF

 006610

 50B65B

 004D00

 6CD275

 003500

 89EF8F

 001F00

 A6FFAA

 000000

 C2FFC6

 E0FFE2

FEFFFF

 00802A

 0D8033

 1A803B

 268044

 33804C

 408055

 4D805E

 5A8066

 66806F

 738077

Harmonies

Analogous

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



5F7700



00802A



00845F

Triad

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



00802A



0078D5



C7394A

Complementary

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



00802A



800056

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.



C2367D



00802A



4F66CE

Square

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



00802A



0082C0



9F4CAD



B45119

Rectangle

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



00802A



008583



9F4CAD



C9355A

Sweetspot

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



00802A



74A684



578000



365440



D4D4D4



545454

Same Dimension

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



00802A



00A636



008069



39403B



000000

Inverse Universe

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



800056



A6006F



800017



40393E



000000

Previews

White Background



This preview shows how the Hex color 00802A looks on a white background.

Color Contrast Check

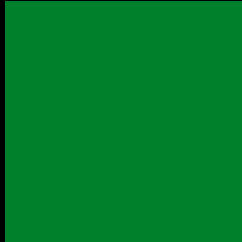
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00802A looks on a 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 00802A Background



This preview shows how black text looks on a background with the Hex color 00802A.



This preview shows how white text looks on a background with the Hex color 00802A.

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
00802A

Protanopia
7B6E25

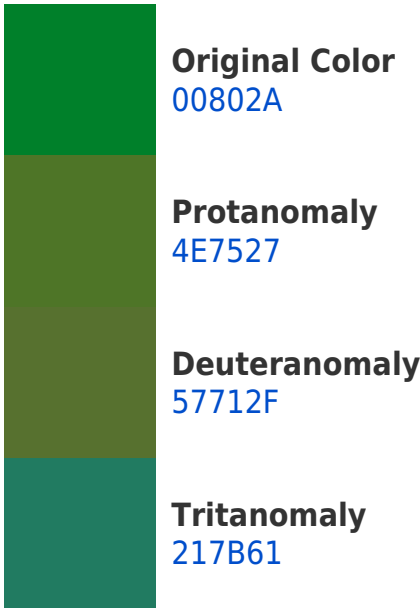
Deuteranopia
886832



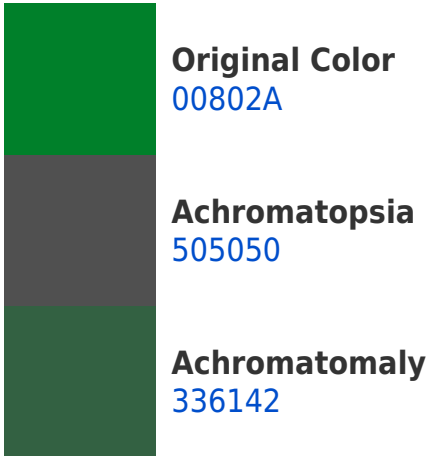
Tritanopia

347881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00802A 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 #00802A looks like.

```
.text, #text, p{  
    color:#00802A  
}
```

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 #00802A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00802A
}
```

Border

The CSS property to change the border of an element to Hex 00802A 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
#00802A }
```

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

```
.border{ border-color:#00802A }
```

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

Here you see how a box with a 4 pixel #00802A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00802A; -webkit-box-shadow:4px 4px  
4px 4px #00802A; box-shadow:4px 4px 4px  
4px #00802A }
```

Background

The CSS property to change the background color of an element to Hex 00802A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00802A }
```

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

```
.background{ background-color:#00802A }
```

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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