

Converting Colors

Hex(00802F)

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

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Color

Hex(00802F)

Conversions

Conversions Part 1

Format	Color
Hex	00802F
RGB	0, 128, 47
RGB Percent	0%, 50%, 18%
CMY	1.0000, 0.4980, 0.8157
CMYK	1.00, 0.00, 0.63, 0.50
HSL	142°, 100%, 25%
HSV	142°, 100%, 50%
XYZ	8.2323, 15.6436, 5.2750
YIQ	80.4940, -50.2870, -52.3270

Conversions

Conversions Part 2

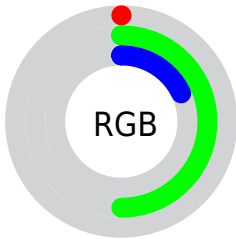
Format	Color
RYB	0, 94, 128
Decimal	32815
CIELab	46.50, -48.19, 34.86
CIELCh	47, 59.472, 144.121
Yxy	15.6436, 0.2824, 0.5366
Android (android.graphics.Color)	4278222895 (0xFF00802F)
YUV	80.4940, -16.5125, -70.5932
Hunter-Lab	39.5520, -32.0633, 19.7790

Details

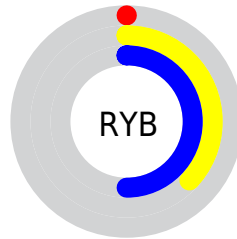
The Hex color **00802F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **800051**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4FB660**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **00802F**, and if you desaturate by 10%, it is **0D8037**.

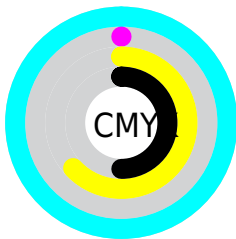
Distribution



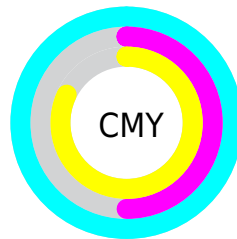
- Red (0%)
- Green (50%)
- Blue (18%)



- Red (0%)
- Yellow (37%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (50%)




- Cyan (100%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients

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

 00802F

 00802F

FFFFFF

 006617

 4FB660

 004D00

 6CD27A

 003500

 89EF94

 001F00

 A5FFAF

 000000

 C2FFCB

 DFFFE7

 FDFFFF

 00802F

 0D8037

 1A803F

 268047

 33804F

 408058

 4D8060

 5A8068

 668070

 738078

Harmonies

Analogous

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



5E7700



00802F



008462

Triad

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



00802F



0077D2



C53D49

Complementary

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



00802F



800051

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.



C1397A



00802F



5765CA

Square

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



00802F



0081BF



A04DA9



B1531A

Rectangle

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



00802F



008585



A04DA9



C63859

Sweetspot

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



00802F



74A686



518000



365441



D4D4D4



545454

Same Dimension

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



00802F



00A63D



00806F



39403C



000000

Inverse Universe

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



800051



A60069



800011



40393D



000000

Previews

White Background



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

Color Contrast Check

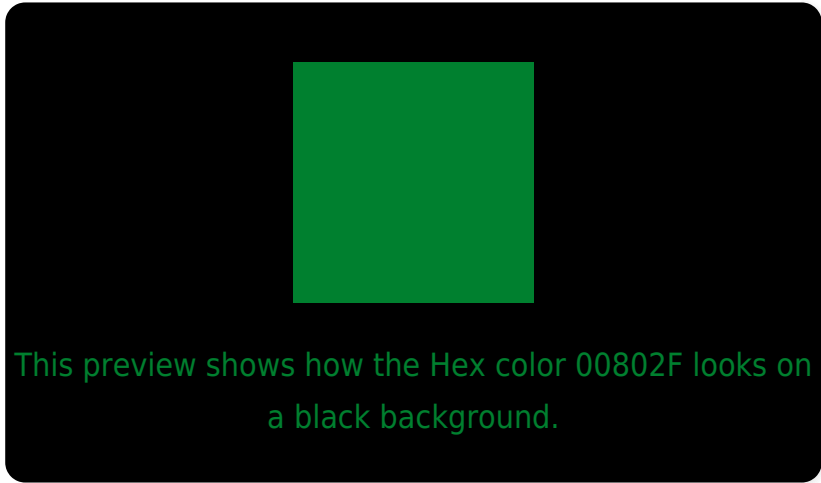
Large Text (above 18pt) WCAG AA ✓ Pass

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 00802F Background



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



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

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
00802F

Protanopia
7B6E2A

Deuteranopia
876936



Tritanopia
337882

Trichromacy



Original Color
00802F



Protanomaly
4E752C



Deuteranomaly
567133



Tritanomaly
207B64

Monochromacy



Original Color
00802F



Achromatopsia
505050



Achromatomaly
336144

CSS Examples

Text

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

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

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 #00802F colored shadow looks like.

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

Border

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

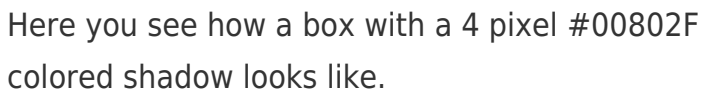
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00802F }
```

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

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

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



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

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

Background

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

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

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

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

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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