

Converting Colors

Hex(007826)

Have a look what the booklet for
Hex(007826) contains.

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Color

Hex(007826)

Conversions

Conversions Part 1

Format	Color
Hex	007826
RGB	0, 120, 38
RGB Percent	0%, 47%, 15%
CMY	1.0000, 0.5294, 0.8510
CMYK	1.00, 0.00, 0.68, 0.53
HSL	139°, 100%, 24%
HSV	139°, 100%, 47%
XYZ	7.0663, 13.5729, 4.0811
YIQ	74.7720, -45.1980, -50.9420

Conversions

Conversions Part 2

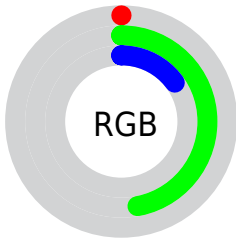
Format	Color
RYB	0, 91, 120
Decimal	30758
CIELab	43.61, -46.71, 35.85
CIELCh	44, 58.885, 142.496
Yxy	13.5729, 0.2859, 0.5491
Android (android.graphics.Color)	4278220838 (0xFF007826)
YUV	74.7720, -18.1286, -65.5750
Hunter-Lab	36.8414, -30.2354, 19.2211

Details

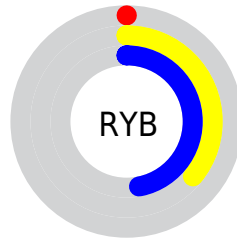
The Hex color **007826** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **780052**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4DAD57**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **007826**, and if you desaturate by 10%, it is **0C782E**.

Distribution



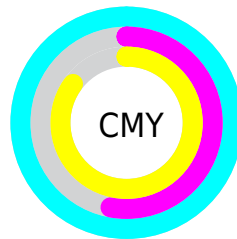
- Red (0%)
- Green (47%)
- Blue (15%)



- Red (0%)
- Yellow (36%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007826 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 007826 by changing the saturation by 10% instead.

 007826

 007826

FFFFFF

 005E0C

 4DAD57

 004600

 69C970

 002F00

 86E68A

 001500

 A2FFA5

 000000

 BFFFC1

 DCFDD

 F9FFFA

 007826

 0C782E

 187836

 24783F

 307847

 3C784F

 487857

 54785F

 607868

 6C7870

Harmonies

Analogous

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



5A6F00



007826



007C59

Triad

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



007826



0071C9



BC3545

Complementary

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



007826



780052

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.



B73176



007826



495FC2

Square

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



007826



007AB4



9547A3



A94B17

Rectangle

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



007826



007D7B



9547A3



BD3055

Sweetspot

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



007826



6D9C7C



527800



334F3C



CFCFCF



4F4F4F

Same Dimension

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



007826



009C31



007862



373D39



007D28



00FC50

Inverse Universe

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



780052



9C006A



780016



3D373B



7D0055



FC00AD

Previews

White Background



This preview shows how the Hex color 007826 looks on a white background.

Color Contrast Check

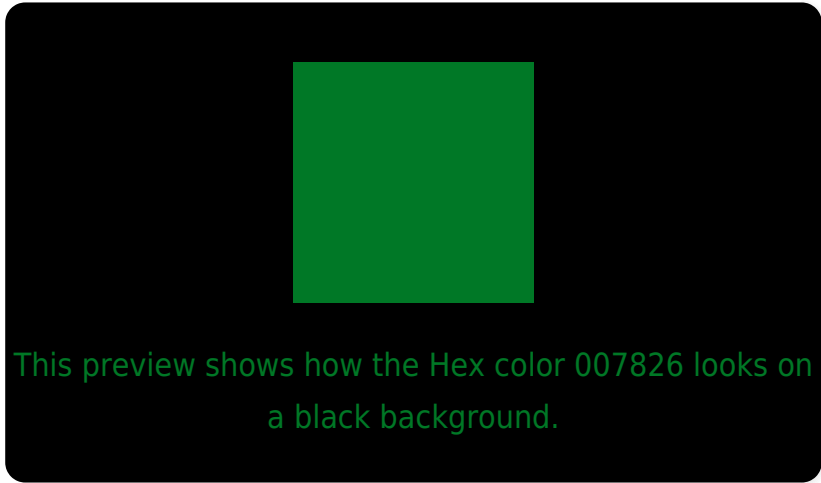
Large Text (above 18pt) WCAG AA ✓ Pass

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 007826 Background



This preview shows how black text looks on a background with the Hex color 007826.



This preview shows how white text looks on a background with the Hex color 007826.

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
007826

Protanopia
736721

Deuteranopia
7F622D



Tritanopia
317079

Trichromacy



Original Color
007826



Protanomaly
496D23



Deuteranomaly
516A2A



Tritanomaly
1F735B

Monochromacy



Original Color
007826



Achromatopsia
4B4B4B



Achromatomaly
305B3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 007826 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 #007826 looks like.

```
.text, #text, p{  
    color:#007826  
}
```

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 #007826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007826
}
```

Border

The CSS property to change the border of an element to Hex 007826 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
#007826 }
```

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

```
.border{ border-color:#007826 }
```

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

Here you see how a box with a 4 pixel #007826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007826; -webkit-box-shadow:4px 4px  
4px 4px #007826; box-shadow:4px 4px 4px  
4px #007826 }
```

Background

The CSS property to change the background color of an element to Hex 007826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007826 }
```

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

```
.background{ background-color:#007826 }
```

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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