

Converting Colors

Hex(007802)

Have a look what the booklet for
Hex(007802) contains.

| | |
|--|----|
| Hex(007802) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(007802)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 007802 |
| RGB | 0, 120, 2 |
| RGB Percent | 0%, 47%, 1% |
| CMY | 1.0000, 0.5294, 0.9922 |
| CMYK | 1.00, 0.00, 0.98, 0.53 |
| HSL | 121°, 100%, 24% |
| HSV | 121°, 100%, 47% |
| XYZ | 6.7274, 13.4373, 2.2965 |
| YIQ | 70.6680, -33.6420, -62.1380 |

Conversions

Conversions Part 2

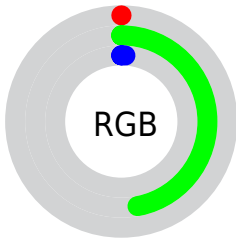
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 118, 120 |
| Decimal | 30722 |
| CIELab | 43.41, -49.27, 47.18 |
| CIELCh | 43, 68.219, 136.242 |
| Yxy | 13.4373, 0.2995, 0.5982 |
| Android (android.graphics.Color) | 4278220802 (0xFF007802) |
| YUV | 70.6680, -33.8533, -61.9758 |
| Hunter-Lab | 36.6570, -31.3907, 21.9454 |

Details

The Hex color **007802** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **780076**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4FAE3F**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **007802**, and if you desaturate by 10%, it is **0C780E**.

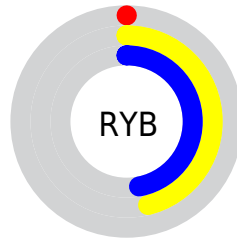
Distribution



Red (0%)

Green (47%)

Blue (1%)



Red (0%)

Yellow (46%)

Blue (47%)

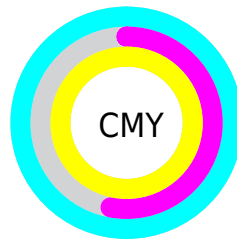


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007802 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 007802 by changing the saturation by 10% instead.

 007802

 007802

FFFFFFE

 005E00

 4FAE3F

 004600

 6CC959

 002F00

 88E673

 001400

 A5FF8D

 000000

 C2FFA9

 DFFFC5

 FDFFE1

 007802

 0C780E

 18781A

 247825

 307831

 3C783D

 487849

 547855

 607860

 6C786C

Harmonies

Analogous

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



616D00



007802



007D4A

Triad

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



007802



0075D6



C71A4B

Complementary

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



007802



780076

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.



BC2083



007802



0063D5

Square

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



007802



007DB8



8D46B6



B63D12

Rectangle

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



007802



007E71



8D46B6



C7135D

Sweetspot

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



007802



6D9C6E



767800



334F33



CFCFCF



4F4F4F

Same Dimension

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



007802



009C03



00783E



373D37



007D02



00FC04

Inverse Universe

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



780076



9C0099



78003A



3D373D



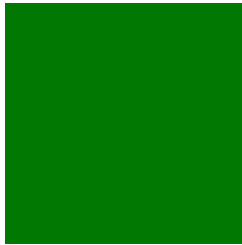
7D007B



FC00F8

Previews

White Background



This preview shows how the Hex color 007802 looks on a white background.

Color Contrast Check

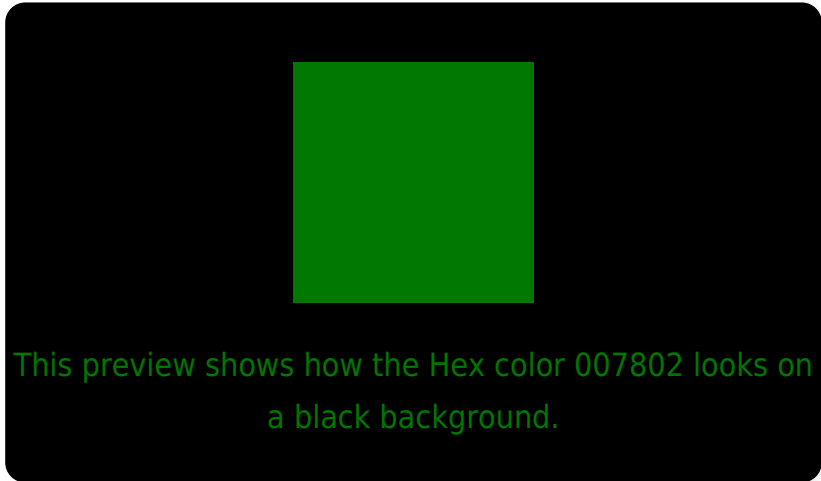
Large Text (above 18pt) WCAG AA ✓ Pass

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 007802 Background



This preview shows how black text looks on a background with the Hex color 007802.



This preview shows how white text looks on a background with the Hex color 007802.

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





Tritanopia
327079

Trichromacy



Original Color
007802



Protanomaly
4A6D01



Deuteranomaly
526911



Tritanomaly
20734E

Monochromacy



Original Color
007802



Achromatopsia
474747



Achromatomaly
2D592E

CSS Examples

Text

The CSS property to change the color of the text to Hex 007802 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 #007802 looks like.

```
.text, #text, p{  
    color:#007802  
}
```

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 #007802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007802
}
```

Border

The CSS property to change the border of an element to Hex 007802 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
#007802 }
```

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

```
.border{ border-color:#007802 }
```

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

Here you see how a box with a 4 pixel #007802 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007802; -webkit-box-shadow:4px 4px  
4px 4px #007802; box-shadow:4px 4px 4px  
4px #007802 }
```

Background

The CSS property to change the background color of an element to Hex 007802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007802 }
```

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

```
.background{ background-color:#007802 }
```

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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