

Converting Colors

Hex(007820)

Have a look what the booklet for
Hex(007820) contains.

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Color

Hex(007820)

Conversions

Conversions Part 1

Format	Color
Hex	007820
RGB	0, 120, 32
RGB Percent	0%, 47%, 13%
CMY	1.0000, 0.5294, 0.8745
CMYK	1.00, 0.00, 0.73, 0.53
HSL	136°, 100%, 24%
HSV	136°, 100%, 47%
XYZ	6.9772, 13.5372, 3.6117
YIQ	74.0880, -43.2720, -52.8080

Conversions

Conversions Part 2

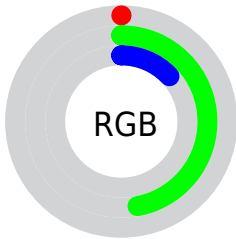
Format	Color
RYB	0, 95, 120
Decimal	30752
CIELab	43.56, -47.38, 38.43
CIELCh	44, 61.004, 140.951
Yxy	13.5372, 0.2892, 0.5611
Android (android.graphics.Color)	4278220832 (0xFF007820)
YUV	74.0880, -20.7494, -64.9752
Hunter-Lab	36.7930, -30.5381, 19.9350

Details

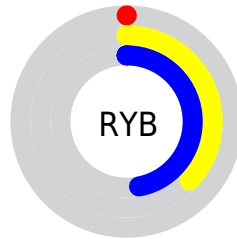
The Hex color **007820** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **780058**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4DAD52**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **007820**, and if you desaturate by 10%, it is **0C7829**.

Distribution



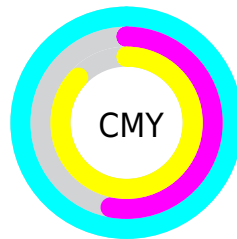
- Red (0%)
- Green (47%)
- Blue (13%)



- Red (0%)
- Yellow (37%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007820 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 007820 by changing the saturation by 10% instead.

 007820

 007820

FFFFFF

 005E03

 4DAD52

 004600

 6AC96B

 002F00

 86E685

 001500

 A2FFA0

 000000

 BFFFBB

 DCFFD7

 FAFFF4

 007820

 0C7829

 187832

 24783A

 307843

 3C784C

 487855

 54785E

 607866

 6C786F

Harmonies

Analogous

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



5B6F00



007820



007C55

Triad

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



007820



0072CC



BE3046

Complementary

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



007820



780058

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.



B82E79



007820



3E60C6

Square

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



007820



007BB5



9447A7



AC4815

Rectangle

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



007820



007D79



9447A7



BF2B57

Sweetspot

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



007820



6D9C79



587800



334F3A



CFCFCF



4F4F4F

Same Dimension

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



007820



009C29



00785C



373D39



007D21



00FC43

Inverse Universe

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



780058



9C0072



78001C



3D373C



7D005C



FC00B9

Previews

White Background



This preview shows how the Hex color 007820 looks on a white background.

Color Contrast Check

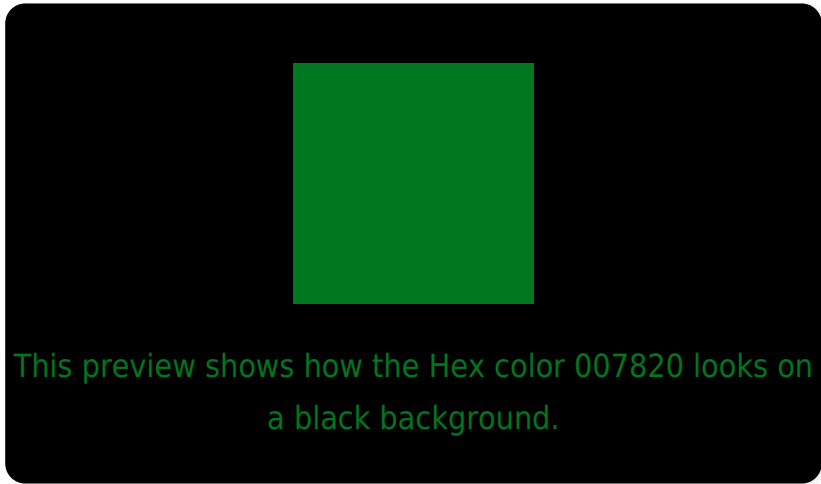
Large Text (above 18pt) WCAG AA ✓ Pass

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 007820 Background



This preview shows how black text looks on a background with the Hex color 007820.



This preview shows how white text looks on a background with the Hex color 007820.

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
007820

Protanopia
73671C

Deuteranopia
806229



Tritanopia
317079

Trichromacy



Original Color
007820



Protanomaly
496D1D



Deuteranomaly
516A26



Tritanomaly
1F7359

Monochromacy



Original Color
007820



Achromatopsia
4A4A4A



Achromatomaly
2F5B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 007820 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 #007820 looks like.

```
.text, #text, p{  
    color:#007820  
}
```

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 #007820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007820
}
```

Border

The CSS property to change the border of an element to Hex 007820 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
#007820 }
```

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

```
.border{ border-color:#007820 }
```

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

Here you see how a box with a 4 pixel #007820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007820; -webkit-box-shadow:4px 4px  
4px 4px #007820; box-shadow:4px 4px 4px  
4px #007820 }
```

Background

The CSS property to change the background color of an element to Hex 007820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007820 }
```

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

```
.background{ background-color:#007820 }
```

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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