

Converting Colors

Hex(007A10)

Have a look what the booklet for
Hex(007A10) contains.

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Color

Hex(007A10)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 007A10 |
| RGB | 0, 122, 16 |
| RGB Percent | 0%, 48%, 6% |
| CMY | 1.0000, 0.5216, 0.9373 |
| CMYK | 1.00, 0.00, 0.87, 0.52 |
| HSL | 128°, 100%, 24% |
| HSV | 128°, 100%, 48% |
| XYZ | 7.0531, 13.9565, 2.8123 |
| YIQ | 73.4380, -38.6860, -58.8300 |

Conversions

Conversions Part 2

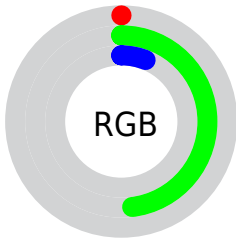
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 108, 122 |
| Decimal | 31248 |
| CIELab | 44.17, -49.24, 44.62 |
| CIELCh | 44, 66.454, 137.819 |
| Yxy | 13.9565, 0.2961, 0.5859 |
| Android (android.graphics.Color) | 4278221328 (0xFF007A10) |
| YUV | 73.4380, -28.3169, -64.4051 |
| Hunter-Lab | 37.3584, -31.6773, 21.6875 |

Details

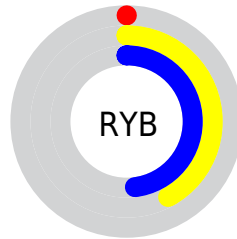
The Hex color **007A10** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7A006A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4FB046**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **007A10**, and if you desaturate by 10%, it is **0C7A1B**.

Distribution



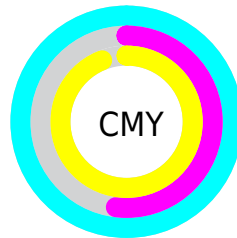
- Red (0%)
- Green (48%)
- Blue (6%)



- Red (0%)
- Yellow (42%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (87%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007A10 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 007A10 by changing the saturation by 10% instead.

 007A10

 007A10

FFFFFF

 006000

 4FB046

 004700

 6CCC60

 003100

 88E87A

 001700

 A5FF95

 000000

 C2FFB0

 DFFFCC


 FDFFE9

 007A10

 0C7A1B

 187A25

 257A30

 317A3A

 3D7A45

 497A50

 557A5A

 627A65

 6E7A6F

Harmonies

Analogous

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



607000



007A10



007F4F

Triad

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



007A10



0076D5



C7244A

Complementary

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



007A10



7A006A

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.



BE2681



007A10



1764D3

Square

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



007A10



007EBA



9247B4



B64313

Rectangle

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



007A10



008076



9247B4



C81E5D

Sweetspot

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



007A10



6F9E75



6C7A00



334F36



CFCFCF



4F4F4F

Same Dimension

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



007A10



009E15



007A4B



373D38



007D10



00FC21

Inverse Universe

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



7A006A



9E0089



7A002F



3D373C



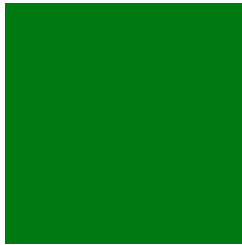
7D006D



FC00DB

Previews

White Background



This preview shows how the Hex color 007A10 looks on a white background.

Color Contrast Check

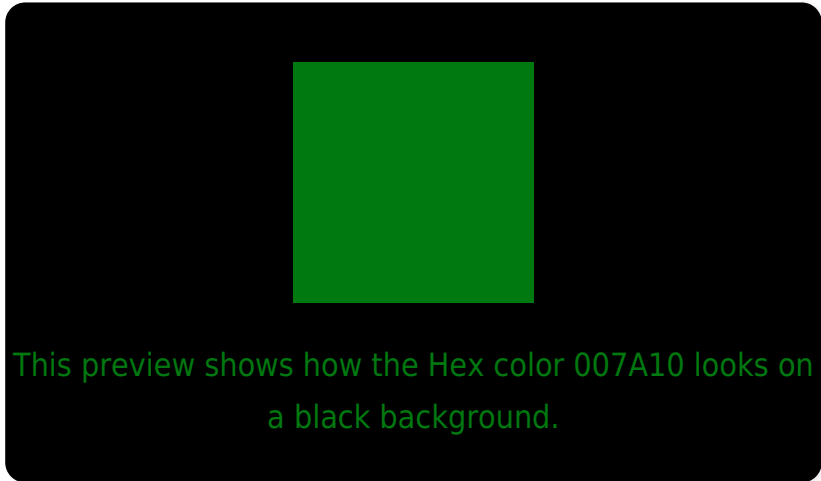
Large Text (above 18pt) WCAG AA ✓ Pass

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 007A10 Background



This preview shows how black text looks on a background with the Hex color 007A10.



This preview shows how white text looks on a background with the Hex color 007A10.

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
007A10

Protanopia
76680A

Deuteranopia
83631E



Tritanopia
33717B

Trichromacy



Original Color
007A10



Protanomaly
4B6F0C



Deuteranomaly
536B19



Tritanomaly
207454

Monochromacy



Original Color
007A10



Achromatopsia
494949



Achromatomaly
2E5B34

CSS Examples

Text

The CSS property to change the color of the text to Hex 007A10 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 #007A10 looks like.

```
.text, #text, p{  
    color:#007A10  
}
```

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 #007A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A10
}
```

Border

The CSS property to change the border of an element to Hex 007A10 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
#007A10 }
```

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

```
.border{ border-color:#007A10 }
```

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

Here you see how a box with a 4 pixel #007A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A10; -webkit-box-shadow:4px 4px  
4px 4px #007A10; box-shadow:4px 4px 4px  
4px #007A10 }
```

Background

The CSS property to change the background color of an element to Hex 007A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A10 }
```

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

```
.background{ background-color:#007A10 }
```

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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