

Converting Colors

Hex(07700A)

Have a look what the booklet for
Hex(07700A) contains.

Hex(07700A)	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(07700A)

Conversions

Conversions Part 1

Format	Color
Hex	07700A
RGB	7, 112, 10
RGB Percent	3%, 44%, 4%
CMY	0.9725, 0.5608, 0.9608
CMYK	0.94, 0.00, 0.91, 0.56
HSL	122°, 88%, 23%
HSV	122°, 94%, 44%
XYZ	5.9366, 11.6554, 2.2240
YIQ	68.9770, -29.8380, -53.9820

Conversions

Conversions Part 2

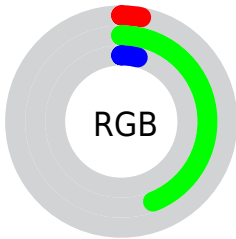
Format	Color
RYB	7, 109, 112
Decimal	487434
CIELab	40.66, -45.86, 43.02
CIELCh	41, 62.879, 136.824
Yxy	11.6554, 0.2996, 0.5882
Android (android.graphics.Color)	4278677514 (0xFF07700A)
YUV	68.9770, -29.0757, -54.3538
Hunter-Lab	34.1400, -28.7059, 20.0357

Details

The Hex color **07700A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **70076D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4EA541**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **007003**, and if you desaturate by 10%, it is **127015**.

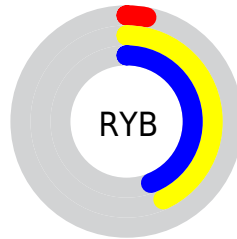
Distribution



Red (3%)

Green (44%)

Blue (4%)



Red (3%)

Yellow (43%)

Blue (44%)

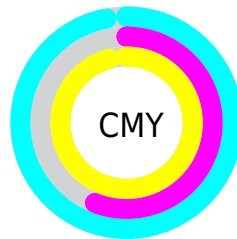


Cyan (94%)

Magenta (0%)

Yellow (91%)

Black (56%)



Cyan (97%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07700A 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 07700A by changing the saturation by 10% instead.

 07700A

 07700A

FFFFFF

 005700

 4EA541

 003E00

 6AC05A

 002A00

 86DD74

 000500

 A2FA8F

 000000

 BFFFAA

 DCFFC6

 F9FFE2

 07700A

 07700A

■ 007003

■ 127015

■ 1D7020

■ 29702B

■ 347036

■ 3F7040

■ 4A704B

■ 557056

■ 617061

■ 6C706C

Harmonies

Analogous

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



5A6600



07700A



007547

Triad

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



07700A



006DC5



B81F46

Complementary

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



07700A



70076D

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.



AF2379



07700A



005CC4

Square

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



07700A



0074AB



8542A7



A93C13

Rectangle

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



07700A



00766B



8542A7



B81A56

Sweetspot

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



07700A



69916A



6E7007



314A32



C9C9C9



4A4A4A

Same Dimension

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



07700A



009104



07703D



323833



007803



00F707

Inverse Universe

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



70076D



91008D



70073A



383238



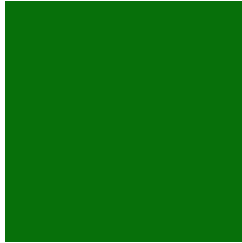
780074



F700F0

Previews

White Background



This preview shows how the Hex color 07700A looks on a white background.

Color Contrast Check

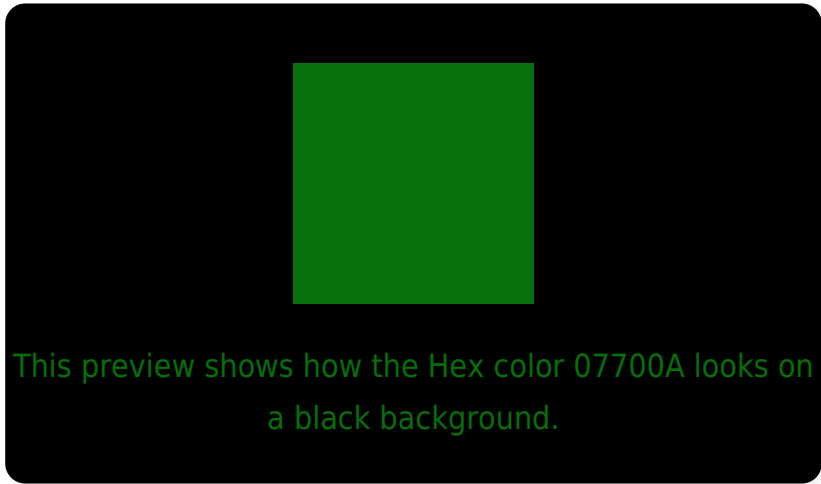
Large Text (above 18pt) WCAG AA ✓ Pass

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 07700A Background



This preview shows how black text looks on a background with the Hex color 07700A.



This preview shows how white text looks on a background with the Hex color 07700A.

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
07700A

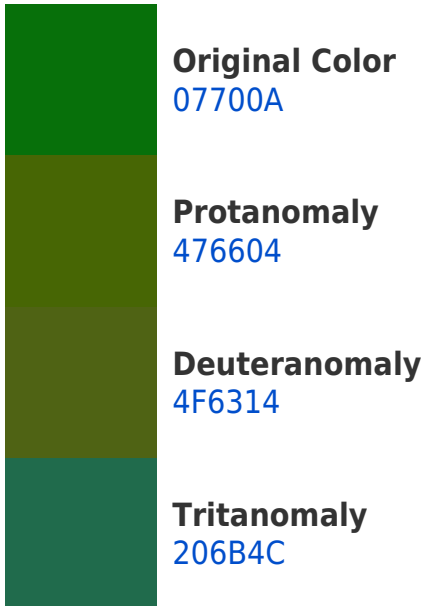
Protanopia
6C6000

Deuteranopia
785B1A



Tritanopia
2F6871

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 07700A 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 #07700A looks like.

```
.text, #text, p{  
    color:#07700A  
}
```

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 #07700A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07700A
}
```

Border

The CSS property to change the border of an element to Hex 07700A 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".

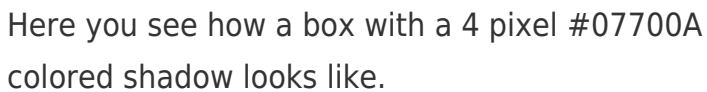
```
.border, #border, table{ border:4px solid
#07700A }
```

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

```
.border{ border-color:#07700A }
```

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

Here you see how a box with a 4 pixel #07700A colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a thick, dark green line that is 4 pixels wide and extends 4 pixels to the right and 4 pixels down from the bottom-right corner of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07700A; -webkit-box-shadow:4px 4px  
4px 4px #07700A; box-shadow:4px 4px 4px  
4px #07700A }
```

Background

The CSS property to change the background color of an element to Hex 07700A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07700A }
```

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

```
.background{ background-color:#07700A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor