

Converting Colors

Hex(007712)

Have a look what the booklet for
Hex(007712) contains.

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Color

Hex(007712)

Conversions

Conversions Part 1

Format	Color
Hex	007712
RGB	0, 119, 18
RGB Percent	0%, 47%, 7%
CMY	1.0000, 0.5333, 0.9294
CMYK	1.00, 0.00, 0.85, 0.53
HSL	129°, 100%, 23%
HSV	129°, 100%, 47%
XYZ	6.7060, 13.2373, 2.7739
YIQ	71.9050, -38.5030, -56.6390

Conversions

Conversions Part 2

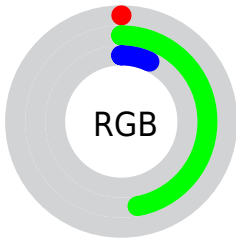
Format	Color
RYB	0, 103, 119
Decimal	30482
CIELab	43.12, -48.21, 43.08
CIELCh	43, 64.657, 138.219
Yxy	13.2373, 0.2952, 0.5827
Android (android.graphics.Color)	4278220562 (0xFF007712)
YUV	71.9050, -26.5752, -63.0607
Hunter-Lab	36.3831, -30.7700, 20.9479

Details

The Hex color **007712** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **770065**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4EAC47**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **007712**, and if you desaturate by 10%, it is **0C771C**.

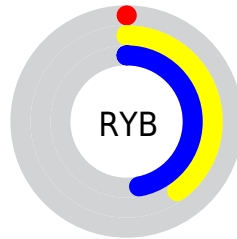
Distribution



Red (0%)

Green (47%)

Blue (7%)



Red (0%)

Yellow (40%)

Blue (47%)

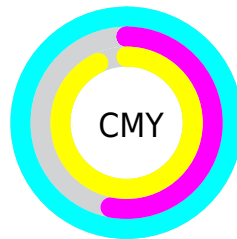


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007712 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 007712 by changing the saturation by 10% instead.

 007712

 007712

FFFFFF

 005D00

 4EAC47

 004500

 6AC860

 002E00

 87E57A

 001300

 A3FF95

 000000

 C0FFB0

 DDFFC0

 FBFFE9

 007712

 0C771C

 187726

 247730

 30773A

 3B7744

 47774F

 537759

 5F7763

 6B776D

Harmonies

Analogous

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



5D6D00



007712



007C4E

Triad

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



007712



0073D0



C22548

Complementary

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



007712



770065

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.



B9267D



007712



1F61CD

Square

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



007712



007BB5



8F46AE



B14213

Rectangle

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



007712



007D74



8F46AE



C21F5A

Sweetspot

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



007712



6D9C74



657700



334F37



CFCFCF



4F4F4F

Same Dimension

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



007712



009C18



00774D



353B36



007A13



00FA26

Inverse Universe

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



770065



9C0084



77002A



3B353A



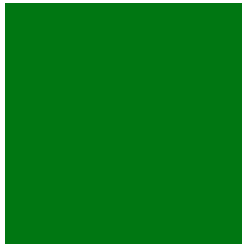
7A0068



FA00D4

Previews

White Background



This preview shows how the Hex color 007712 looks on a white background.

Color Contrast Check

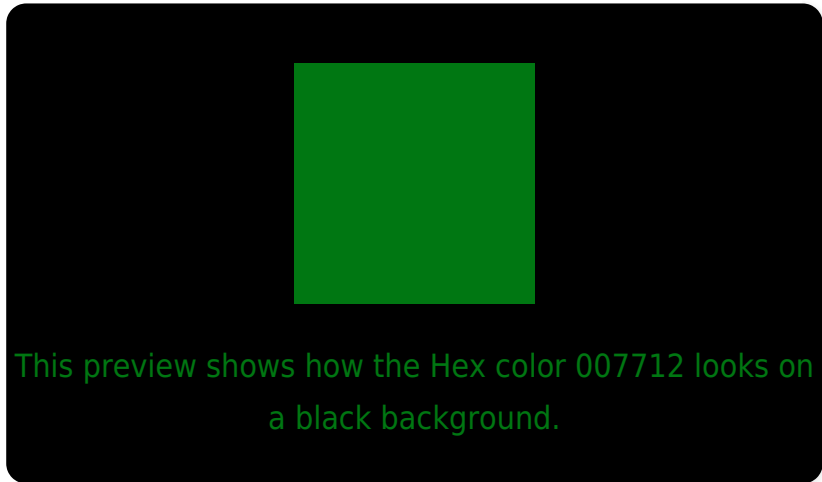
Large Text (above 18pt) WCAG AA ✓ Pass

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 007712 Background



This preview shows how black text looks on a background with the Hex color 007712.



This preview shows how white text looks on a background with the Hex color 007712.

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
007712

Protanopia
73660D

Deuteranopia
7F611F



Tritanopia
326F78

Trichromacy



Original Color
007712



Protanomaly
496C0F



Deuteranomaly
51691A



Tritanomaly
207253

Monochromacy



Original Color
007712



Achromatopsia
484848



Achromatomaly
2E5934

CSS Examples

Text

The CSS property to change the color of the text to Hex 007712 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 #007712 looks like.

```
.text, #text, p{  
    color:#007712  
}
```

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 #007712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007712
}
```

Border

The CSS property to change the border of an element to Hex 007712 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
#007712 }
```

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

```
.border{ border-color:#007712 }
```

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

Here you see how a box with a 4 pixel #007712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007712; -webkit-box-shadow:4px 4px  
4px 4px #007712; box-shadow:4px 4px 4px  
4px #007712 }
```

Background

The CSS property to change the background color of an element to Hex 007712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007712 }
```

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

```
.background{ background-color:#007712 }
```

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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