

Converting Colors

Hex(007442)

Have a look what the booklet for
Hex(007442) contains.

Hex(007442)	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(007442)

Conversions

Conversions Part 1

Format	Color
Hex	007442
RGB	0, 116, 66
RGB Percent	0%, 45%, 26%
CMY	1.0000, 0.5451, 0.7412
CMYK	1.00, 0.00, 0.43, 0.55
HSL	154°, 100%, 23%
HSV	154°, 100%, 45%
XYZ	7.2288, 12.8841, 7.2601
YIQ	75.6160, -53.0860, -40.1420

Conversions

Conversions Part 2

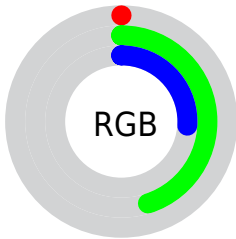
Format	Color
RYB	0, 74, 116
Decimal	29762
CIELab	42.59, -40.69, 19.91
CIELCh	43, 45.304, 153.925
Yxy	12.8841, 0.2641, 0.4707
Android (android.graphics.Color)	4278219842 (0xFF007442)
YUV	75.6160, -4.7407, -66.3152
Hunter-Lab	35.8945, -26.8673, 13.1339

Details

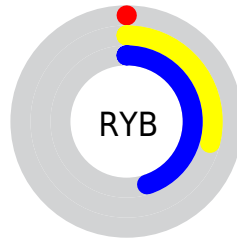
The Hex color **007442** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **740032**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4BA973**, and **004216** is the 20% darker color. If you saturate the color by 10%, you get **007442**, and if you desaturate by 10%, it is **0C7447**.

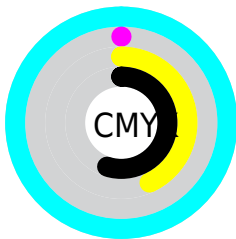
Distribution



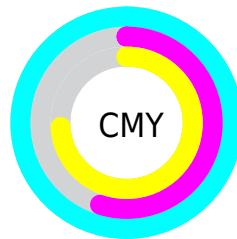
- Red (0%)
- Green (45%)
- Blue (26%)



- Red (0%)
- Yellow (29%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007442 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 007442 by changing the saturation by 10% instead.

 007442

 007442

FFFFFF

 005B2B

 4BA973

 004216

 67C58C

 002C00

 82E1A7

 001000

 9FFEC2

 000000

 BBFFDE

 D8FFFB

 F5FFFF

 007442

 0C7447


 17744C

 237451

 2E7456

 3A745B

 467460

 517465

 5D746A

 68746F

Harmonies

Analogous

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



4D6E21



007442



007669

Triad

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



007442



0567AF



A5483D

Complementary

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



007442



740032

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.



A74161



007442



6C59A3

Square

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



007442



0071A7



964986



92561F

Rectangle

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



007442



007682



964986



A84448

Sweetspot

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



007442



699683



327400



314D41



CCCCCC



4D4D4D

Same Dimension

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



007442



009656



006C74



353B38



007A46



00FA8E

Inverse Universe

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



740032



960041



740800



3B3537



7A0035



FA006C

Previews

White Background



This preview shows how the Hex color 007442 looks on a white background.

Color Contrast Check

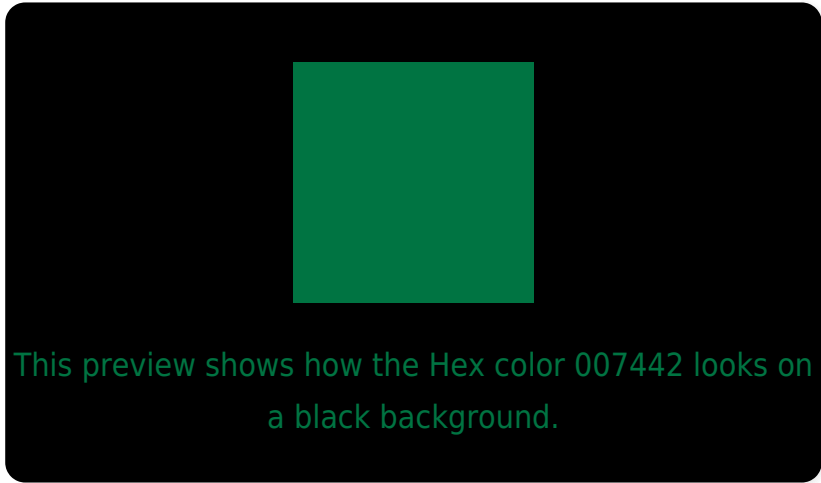
Large Text (above 18pt) WCAG AA ✓ Pass

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 007442 Background



This preview shows how black text looks on a background with the Hex color 007442.



This preview shows how white text looks on a background with the Hex color 007442.

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
007442

Protanopia
6E643C

Deuteranopia
776047



Tritanopia
2B6E77

Trichromacy



Original Color
007442



Protanomaly
466A3E



Deuteranomaly
4C6745



Tritanomaly
1B7064

Monochromacy



Original Color
007442



Achromatopsia
4C4C4C



Achromatomaly
305B48

CSS Examples

Text

The CSS property to change the color of the text to Hex 007442 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 #007442 looks like.

```
.text, #text, p{  
    color:#007442  
}
```

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 #007442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007442
}
```

Border

The CSS property to change the border of an element to Hex 007442 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
#007442 }
```

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

```
.border{ border-color:#007442 }
```

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

Here you see how a box with a 4 pixel #007442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007442; -webkit-box-shadow:4px 4px  
4px 4px #007442; box-shadow:4px 4px 4px  
4px #007442 }
```

Background

The CSS property to change the background color of an element to Hex 007442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007442 }
```

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

```
.background{ background-color:#007442 }
```

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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