

Converting Colors

Hex(007562)

Have a look what the booklet for
Hex(007562) contains.

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Color

Hex(007562)

Conversions

Conversions Part 1

Format	Color
Hex	007562
RGB	0, 117, 98
RGB Percent	0%, 46%, 38%
CMY	1.0000, 0.5412, 0.6157
CMYK	1.00, 0.00, 0.16, 0.54
HSL	170°, 100%, 23%
HSV	170°, 100%, 46%
XYZ	8.5659, 13.6044, 13.7297
YIQ	79.8510, -63.6330, -30.7130

Conversions

Conversions Part 2

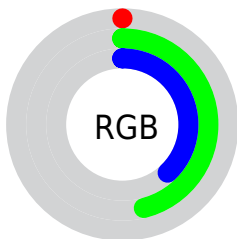
Format	Color
RYB	0, 64, 117
Decimal	30050
CIELab	43.66, -32.98, 2.57
CIELCh	44, 33.084, 175.543
Yxy	13.6044, 0.2386, 0.3790
Android (android.graphics.Color)	4278220130 (0xFF007562)
YUV	79.8510, 8.9475, -70.0293
Hunter-Lab	36.8842, -23.0929, 3.7489

Details

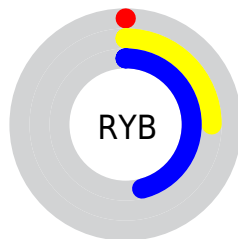
The Hex color **007562** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **750013**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4CAA95**, and **004434** is the 20% darker color. If you saturate the color by 10%, you get **007562**, and if you desaturate by 10%, it is **0C7564**.

Distribution



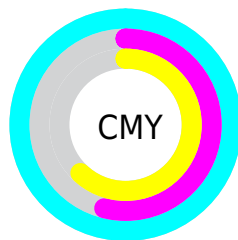
- Red (0%)
- Green (46%)
- Blue (38%)



- Red (0%)
- Yellow (25%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007562 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 007562 by changing the saturation by 10% instead.

 007562

 007562

FFFFFF

 005C4A

 4CAA95

 004434

 69C5AF

 002D1F

 85E2CB

 001506

 A1FEE7

 000000


 BDFFFF

 DBFFFF

 F8FFFF

 007562

 0C7564

 177566

 237568

 2F756A

 3B756C

 46756D

 52756F

 5E7571

 697573

Harmonies

Analogous

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



3F7247



007562



00757E

Triad

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



007562



636299



905A3B

Complementary

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



007562



750013

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.



9B5251



007562



855787

Square

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



007562



2E6B9E



98516C



7B642F

Rectangle

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



007562



00738E



98516C



955741

Sweetspot

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



007562



6B9992



137500



314D48



CCCCCC



4D4D4D

Same Dimension

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



007562



009980



004E75



353B3A



007A67



00FAD1

Inverse Universe

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



750013



990019



752700



3B3536



7A0014



FA0029

Previews

White Background



This preview shows how the Hex color 007562 looks on a white background.

Color Contrast Check

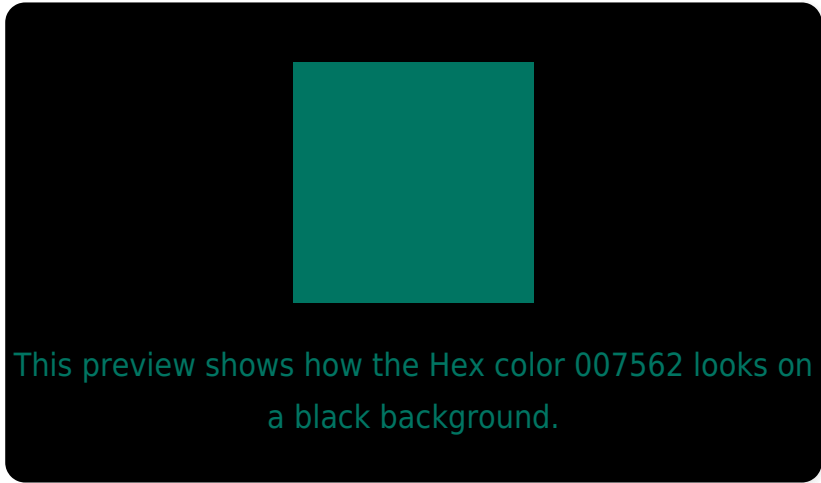
Large Text (above 18pt) WCAG AA ✓ Pass

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

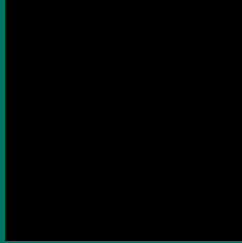
Any Text WCAG AA × Fail

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 007562 Background



This preview shows how black text looks on a background with the Hex color 007562.

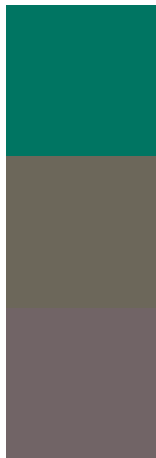


This preview shows how white text looks on a background with the Hex color 007562.

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
007562

Protanopia
6C675A

Deuteranopia
716466



Tritanopia
21727B

Trichromacy



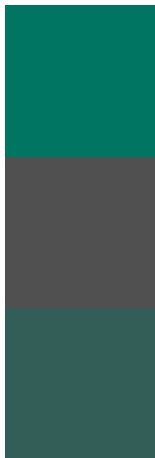
Original Color
007562

Protanomaly
456C5D

Deuteranomaly
486A65

Tritanomaly
157372

Monochromacy



Original Color
007562

Achromatopsia
505050

Achromatomaly
335D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 007562 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 #007562 looks like.

```
.text, #text, p{  
    color:#007562  
}
```

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 #007562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007562
}
```

Border

The CSS property to change the border of an element to Hex 007562 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
#007562 }
```

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

```
.border{ border-color:#007562 }
```

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

Here you see how a box with a 4 pixel #007562 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007562; -webkit-box-shadow:4px 4px  
4px 4px #007562; box-shadow:4px 4px 4px  
4px #007562 }
```

Background

The CSS property to change the background color of an element to Hex 007562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007562 }
```

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

```
.background{ background-color:#007562 }
```

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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