

Converting Colors

Hex(007B62)

Have a look what the booklet for
Hex(007B62) contains.

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Color

Hex(007B62)

Conversions

Conversions Part 1

Format	Color
Hex	007B62
RGB	0, 123, 98
RGB Percent	0%, 48%, 38%
CMY	1.0000, 0.5176, 0.6157
CMYK	1.00, 0.00, 0.20, 0.52
HSL	168°, 100%, 24%
HSV	168°, 100%, 48%
XYZ	9.2876, 15.0478, 13.9703
YIQ	83.3730, -65.2830, -33.8510

Conversions

Conversions Part 2

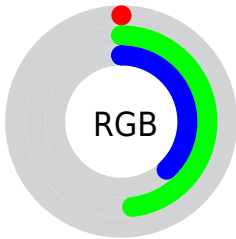
Format	Color
RYB	0, 68, 123
Decimal	31586
CIELab	45.70, -35.65, 5.50
CIELCh	46, 36.070, 171.222
Yxy	15.0478, 0.2425, 0.3928
Android (android.graphics.Color)	4278221666 (0xFF007B62)
YUV	83.3730, 7.2111, -73.1181
Hunter-Lab	38.7914, -25.1480, 5.8014

Details

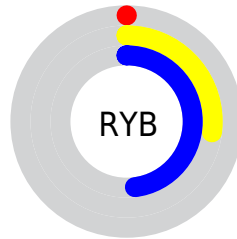
The Hex color **007B62** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7B0019**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **4EB095**, and **004934** is the 20% darker color. If you saturate the color by 10%, you get **007B62**, and if you desaturate by 10%, it is **0C7B65**.

Distribution



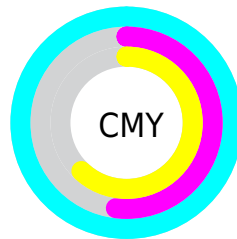
- Red (0%)
- Green (48%)
- Blue (38%)



- Red (0%)
- Yellow (27%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (62%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007B62 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 007B62 by changing the saturation by 10% instead.

 007B62

 007B62

FFFFFF

 00624A

 4EB095

 004934

 6ACCAF

 00321F

 87E8CB

 001D06

 A3FFE7

 000000

 C0FFFF

 DDFFFF

 FBFFFF

 007B62

 0C7B65

 197B67

 257B6A

 317B6C

 3E7B6F

 4A7B71

 567B74

 627B76

 6F7B79

Harmonies

Analogous

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



457845



007B62



007B81

Triad

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



007B62



6068A4



9B5C3E

Complementary

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



007B62



7B0019

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.



A55458



007B62



895C92

Square

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



007B62



1972A7



A05476



86672F

Rectangle

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



007B62



007A93



A05476



A05946

Sweetspot

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



007B62



70A197



1B7B00



34524C



D1D1D1



525252

Same Dimension

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



007B62



00A180



00587B



373D3C



007D64



00FCC9

Inverse Universe

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



7B0019



A10021



7B2300



3D3738



7D0019



FC0033

Previews

White Background



This preview shows how the Hex color 007B62 looks on a white background.

Color Contrast Check

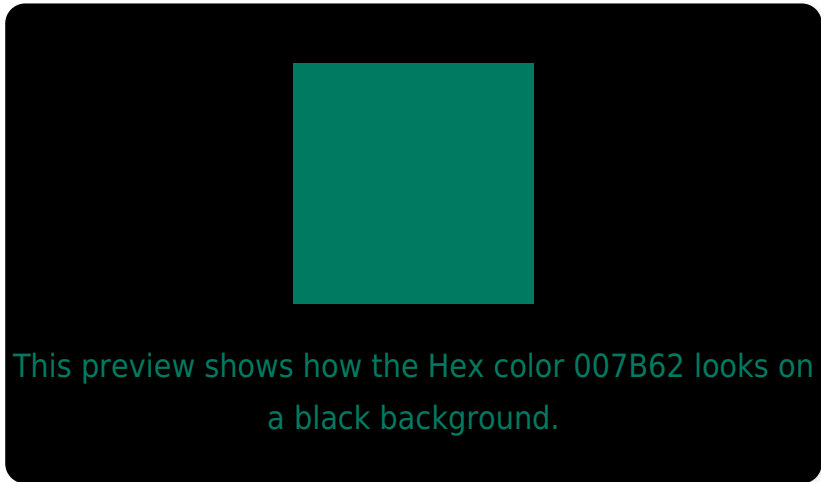
Large Text (above 18pt) WCAG AA ✓ Pass

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

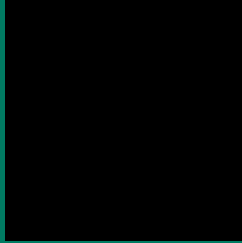
Any Text WCAG AA × Fail

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 007B62 Background



This preview shows how black text looks on a background with the Hex color 007B62.

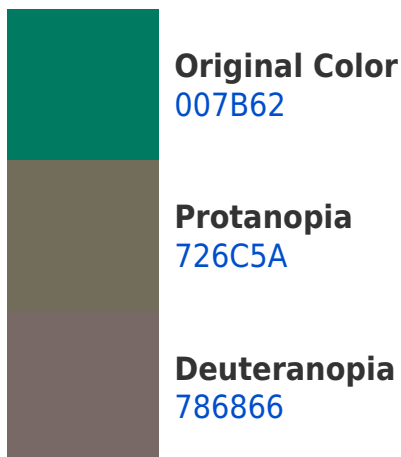


This preview shows how white text looks on a background with the Hex color 007B62.

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





Tritanopia
257781

Trichromacy



Original Color
007B62



Protanomaly
49715D



Deuteranomaly
4C6F65



Tritanomaly
187876

Monochromacy



Original Color
007B62



Achromatopsia
535353



Achromatomaly
356258

CSS Examples

Text

The CSS property to change the color of the text to Hex 007B62 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 #007B62 looks like.

```
.text, #text, p{  
    color:#007B62  
}
```

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 #007B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007B62
}
```

Border

The CSS property to change the border of an element to Hex 007B62 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
#007B62 }
```

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

```
.border{ border-color:#007B62 }
```

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

Here you see how a box with a 4 pixel #007B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007B62; -webkit-box-shadow:4px 4px  
4px 4px #007B62; box-shadow:4px 4px 4px  
4px #007B62 }
```

Background

The CSS property to change the background color of an element to Hex 007B62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007B62 }
```

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

```
.background{ background-color:#007B62 }
```

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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