

Converting Colors

Hex(007A52)

Have a look what the booklet for
Hex(007A52) contains.

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Color

Hex(007A52)

Conversions

Conversions Part 1

Format	Color
Hex	007A52
RGB	0, 122, 82
RGB Percent	0%, 48%, 32%
CMY	1.0000, 0.5216, 0.6784
CMYK	1.00, 0.00, 0.33, 0.52
HSL	160°, 100%, 24%
HSV	160°, 100%, 48%
XYZ	8.4825, 14.5283, 10.3398
YIQ	80.9620, -59.8720, -38.3040

Conversions

Conversions Part 2

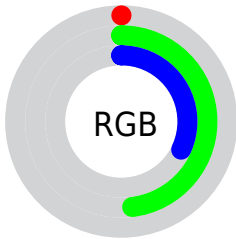
Format	Color
RYB	0, 73, 122
Decimal	31314
CIELab	44.98, -39.41, 13.89
CIELCh	45, 41.785, 160.579
Yxy	14.5283, 0.2543, 0.4356
Android (android.graphics.Color)	4278221394 (0xFF007A52)
YUV	80.9620, 0.5117, -71.0037
Hunter-Lab	38.1160, -26.9786, 10.5974

Details

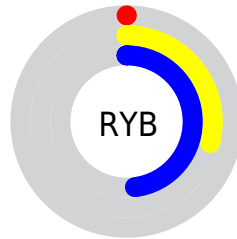
The Hex color **007A52** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A0028**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4DAF84**, and **004825** is the 20% darker color. If you saturate the color by 10%, you get **007A52**, and if you desaturate by 10%, it is **0C7A56**.

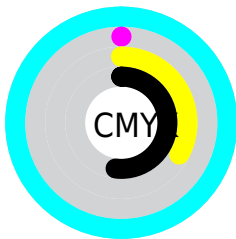
Distribution



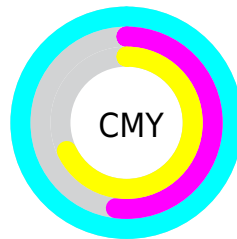
- Red (0%)
- Green (48%)
- Blue (32%)



- Red (0%)
- Yellow (29%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007A52 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 007A52 by changing the saturation by 10% instead.

 007A52

 007A52

FFFFFF

 00613B

 4DAF84

 004825

 69CB9E

 003010

 85E8B9

 001A00

 A1FFD4

 000000

 BEFFF1

 DBFFFF

 F9FFFF

 007A52

 0C7A56

 187A5A

 257A5E

 317A62

 3D7A66

 497A6A

 557A6E

 627A72

 6E7A76

Harmonies

Analogous

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



4C7533



007A52



007C76

Triad

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



007A52



416AAF



A5533F

Complementary

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



007A52



7A0028

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.



AB4B5F



007A52



7D5CA0

Square

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



007A52



0074AC



9E4F82



906027

Rectangle

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



007A52



007B8D



9E4F82



A85049

Sweetspot

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



007A52



6F9E8F



297A00



334F46



CFCFCF



4F4F4F

Same Dimension

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



007A52



009E6A



00667A



373D3B



007D54



00FCAA

Inverse Universe

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



7A0028



9E0034



7A1400



3D3739



7D0029



FC0053

Previews

White Background



This preview shows how the Hex color 007A52 looks on a white background.

Color Contrast Check

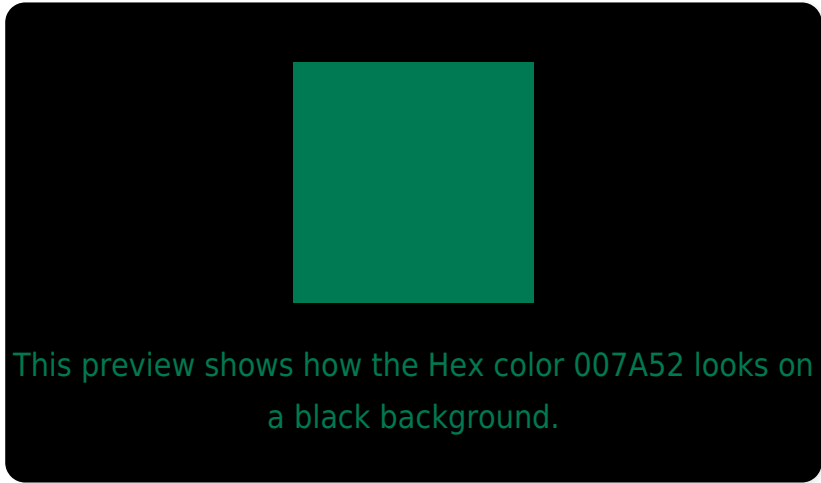
Large Text (above 18pt) WCAG AA ✓ Pass

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

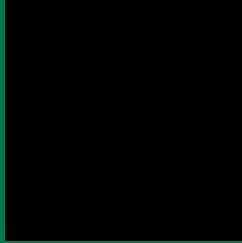
Any Text WCAG AA × Fail

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 007A52 Background



This preview shows how black text looks on a background with the Hex color 007A52.

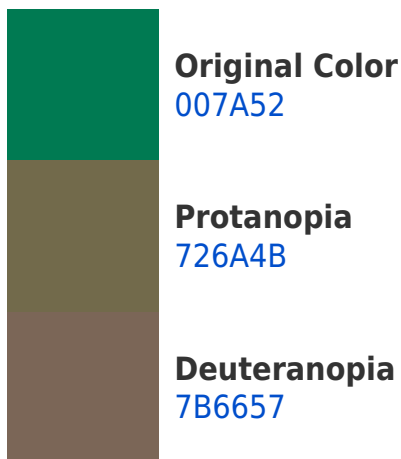


This preview shows how white text looks on a background with the Hex color 007A52.

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
2A757E

Trichromacy



Original Color
007A52



Protanomaly
49704E



Deuteranomaly
4E6D55



Tritanomaly
1B776E

Monochromacy



Original Color
007A52



Achromatopsia
515151



Achromatomaly
346051

CSS Examples

Text

The CSS property to change the color of the text to Hex 007A52 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 #007A52 looks like.

```
.text, #text, p{  
    color:#007A52  
}
```

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 #007A52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A52
}
```

Border

The CSS property to change the border of an element to Hex 007A52 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
#007A52 }
```

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

```
.border{ border-color:#007A52 }
```

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

Here you see how a box with a 4 pixel #007A52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A52; -webkit-box-shadow:4px 4px  
4px 4px #007A52; box-shadow:4px 4px 4px  
4px #007A52 }
```

Background

The CSS property to change the background color of an element to Hex 007A52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A52 }
```

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

```
.background{ background-color:#007A52 }
```

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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