

Converting Colors

Hex(007363)

Have a look what the booklet for
Hex(007363) contains.

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Color

Hex(007363)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 007363 |
| RGB | 0, 115, 99 |
| RGB Percent | 0%, 45%, 39% |
| CMY | 1.0000, 0.5490, 0.6118 |
| CMYK | 1.00, 0.00, 0.14, 0.55 |
| HSL | 172°, 100%, 23% |
| HSV | 172°, 100%, 45% |
| XYZ | 8.3829, 13.1623, 13.9031 |
| YIQ | 78.7910, -63.4040, -29.3560 |

Conversions

Conversions Part 2

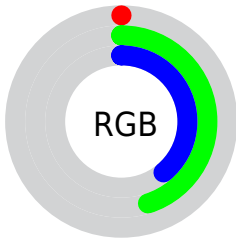
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 0, 62, 115 |
| Decimal | 29539 |
| CIELab | 43.01, -31.78, 1.02 |
| CIELCh | 43, 31.792, 178.154 |
| Yxy | 13.1623, 0.2365, 0.3713 |
| Android (android.graphics.Color) | 4278219619 (0xFF007363) |
| YUV | 78.7910, 9.9630, -69.0997 |
| Hunter-Lab | 36.2799, -22.2455, 2.6749 |

Details

The Hex color **007363** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **730010**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4CA896**, and **004235** is the 20% darker color. If you saturate the color by 10%, you get **007363**, and if you desaturate by 10%, it is **0B7365**.

Distribution



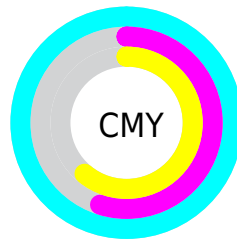
- Red (0%)
- Green (45%)
- Blue (39%)



- Red (0%)
- Yellow (24%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007363 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 007363 by changing the saturation by 10% instead.

 007363

 007363

FFFFFF

 005A4B

 4CA896

 004235

 68C3B0

 002B1F

 84DFCC

 001308

 A0FCE8

 000000

 BDFFFF

 DAFFFF

 F7FFFF

 007363

■ 0B7365

■ 177366

■ 237368

■ 2E7369

■ 3A736B

■ 45736D

■ 51736E

■ 5C7370

■ 687371

Harmonies

Analogous

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



3C7149



007363



00737E

Triad

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



007363



655F94



8C5A3A

Complementary

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



007363



730010

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.



97524E



007363



855682

Square

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



007363



36699A



955068



776430

Rectangle

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



007363



00718C



955068



90573F

Sweetspot

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



007363



699690



117300



314D49



CCCCCC



4D4D4D

Same Dimension

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



007363



009682



004B73



353B3A



007A69



00FAD7

Inverse Universe

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



730010



960015



732800



3B3536



7A0011



FA0023

Previews

White Background



This preview shows how the Hex color 007363 looks on a white background.

Color Contrast Check

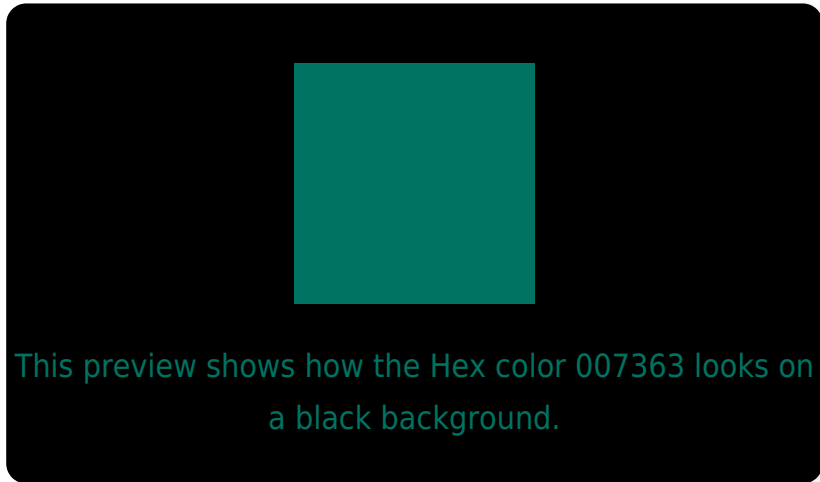
Large Text (above 18pt) WCAG AA ✓ Pass

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

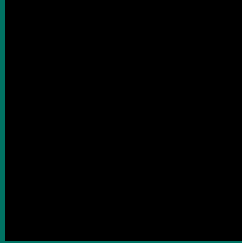
Any Text WCAG AA × Fail

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 007363 Background



This preview shows how black text looks on a background with the Hex color 007363.

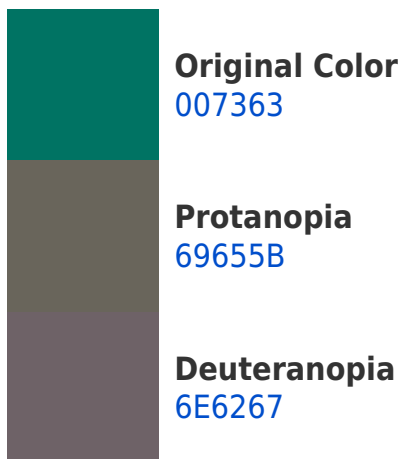


This preview shows how white text looks on a background with the Hex color 007363.

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
207079

Trichromacy



Original Color
007363

Protanomaly
436A5E

Deuteranomaly
466866

Tritanomaly
147171

Monochromacy



Original Color
007363

Achromatopsia
4F4F4F

Achromatomaly
325C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 007363 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 #007363 looks like.

```
.text, #text, p{  
    color:#007363  
}
```

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 #007363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007363
}
```

Border

The CSS property to change the border of an element to Hex 007363 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
#007363 }
```

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

```
.border{ border-color:#007363 }
```

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

Here you see how a box with a 4 pixel #007363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007363; -webkit-box-shadow:4px 4px  
4px 4px #007363; box-shadow:4px 4px 4px  
4px #007363 }
```

Background

The CSS property to change the background color of an element to Hex 007363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007363 }
```

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

```
.background{ background-color:#007363 }
```

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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