

Converting Colors

Hex(007864)

Have a look what the booklet for
Hex(007864) contains.

Hex(007864)	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(007864)

Conversions

Conversions Part 1

Format	Color
Hex	007864
RGB	0, 120, 100
RGB Percent	0%, 47%, 39%
CMY	1.0000, 0.5294, 0.6078
CMYK	1.00, 0.00, 0.17, 0.53
HSL	170°, 100%, 24%
HSV	170°, 100%, 47%
XYZ	9.0167, 14.3530, 14.3518
YIQ	81.8400, -65.1000, -31.6600

Conversions

Conversions Part 2

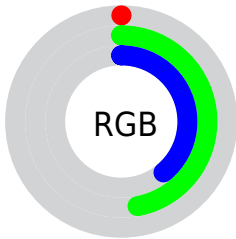
Format	Color
RYB	0, 65, 120
Decimal	30820
CIELab	44.74, -33.75, 2.93
CIELCh	45, 33.878, 175.035
Yxy	14.3530, 0.2390, 0.3805
Android (android.graphics.Color)	4278220900 (0xFF007864)
YUV	81.8400, 8.9529, -71.7737
Hunter-Lab	37.8854, -23.8165, 4.0595

Details

The Hex color **007864** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **780014**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4DAD97**, and **004635** is the 20% darker color. If you saturate the color by 10%, you get **007864**, and if you desaturate by 10%, it is **0C7866**.

Distribution



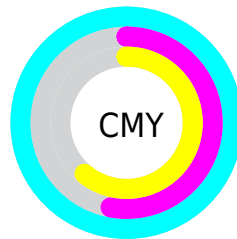
- Red (0%)
- Green (47%)
- Blue (39%)



- Red (0%)
- Yellow (25%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007864 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 007864 by changing the saturation by 10% instead.

 007864

 007864

FFFFFF

 005F4C

 4DAD97

 004635

 6AC9B1

 002F20

 86E5CD

 001909

 A2FFE9

 000000

 BFFFFFF

 DCFFFF

 FAFFFF

 007864

 0C7866

 187868

 24786A

 30786C

 3C786E

 487870

 547872

 607874

 6C7876

Harmonies

Analogous

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



417548



007864



007881

Triad

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



007864



65649D



945C3C

Complementary

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



007864



780014

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.



9F5453



007864



885A8A

Square

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



007864



2D6EA2



9C5370



7F6730

Rectangle

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



007864



007691



9C5370



995943

Sweetspot

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



007864



6D9C94



147800



334F4A



CFCFCF



4F4F4F

Same Dimension

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



007864



009C82



005078



373D3C



007D68



00FCD2

Inverse Universe

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



780014



9C001A



782800



3D3738



7D0015



FC002A

Previews

White Background



This preview shows how the Hex color 007864 looks on a white background.

Color Contrast Check

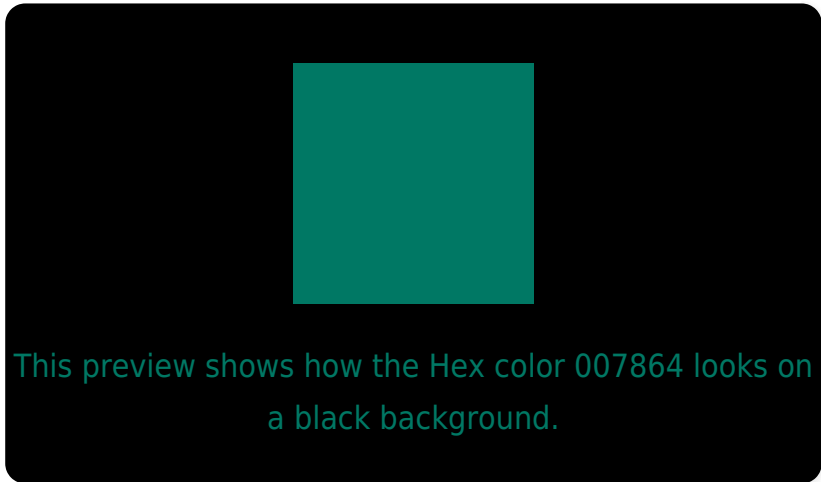
Large Text (above 18pt) WCAG AA ✓ Pass

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

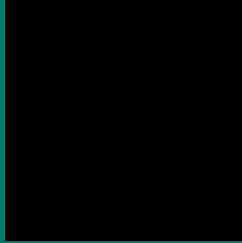
Any Text WCAG AA × Fail

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 007864 Background



This preview shows how black text looks on a background with the Hex color 007864.

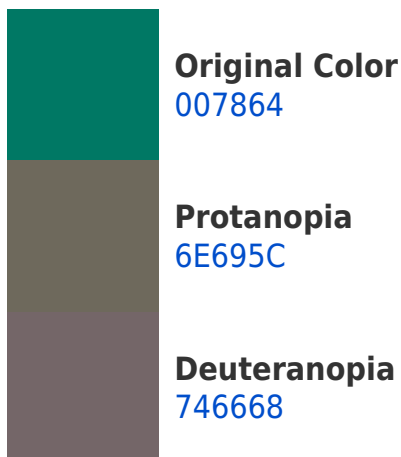


This preview shows how white text looks on a background with the Hex color 007864.

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
22747E

Trichromacy



Original Color
007864



Protanomaly
466E5F



Deuteranomaly
4A6D67



Tritanomaly
167575

Monochromacy



Original Color
007864



Achromatopsia
525252



Achromatomaly
346059

CSS Examples

Text

The CSS property to change the color of the text to Hex 007864 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 #007864 looks like.

```
.text, #text, p{  
    color:#007864  
}
```

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 #007864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007864
}
```

Border

The CSS property to change the border of an element to Hex 007864 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
#007864 }
```

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

```
.border{ border-color:#007864 }
```

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

Here you see how a box with a 4 pixel #007864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007864; -webkit-box-shadow:4px 4px  
4px 4px #007864; box-shadow:4px 4px 4px  
4px #007864 }
```

Background

The CSS property to change the background color of an element to Hex 007864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007864 }
```

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

```
.background{ background-color:#007864 }
```

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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