

# Converting Colors

Hex(007265)

Have a look what the booklet for  
Hex(007265) contains.

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# Color

Hex(007265)

# Conversions

## Conversions Part 1

Format	Color
Hex	007265
RGB	0, 114, 101
RGB Percent	0%, 45%, 40%
CMY	1.0000, 0.5529, 0.6039
CMYK	1.00, 0.00, 0.11, 0.55
HSL	173°, 100%, 22%
HSV	173°, 100%, 45%
XYZ	8.3663, 12.9742, 14.3752
YIQ	78.4320, -63.7710, -28.2110

# Conversions

## Conversions Part 2

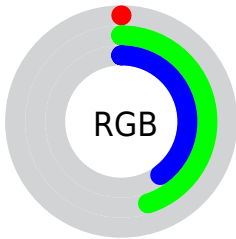
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 60, 114
Decimal	29285
CIELab	42.72, -30.71, -0.59
CIELCh	43, 30.711, 181.101
Yxy	12.9742, 0.2342, 0.3633
Android (android.graphics.Color)	4278219365 (0xFF007265)
YUV	78.4320, 11.1260, -68.7849
Hunter-Lab	36.0197, -21.5745, 1.5516

# Details

The Hex color **007265** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **72000D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4CA798**, and **004136** is the 20% darker color. If you saturate the color by 10%, you get **007265**, and if you desaturate by 10%, it is **0B7266**.

# Distribution



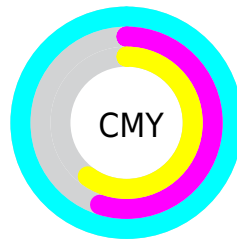
- Red (0%)
- Green (45%)
- Blue (40%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007265 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 007265 by changing the saturation by 10% instead.



 007265

 007265

FFFFFF

 00594D

 4CA798

 004136

 68C2B3

 002A21

 84DECE

 00110B

 A0FBEA

 000000

 BDFFFF

 DAFFFF

 F7FFFF

 007265

■ 0B7266

■ 177268

■ 227269

■ 2E726A

■ 39726C

■ 44726D

■ 50726E

■ 5B726F

■ 677271

# Harmonies

## Analogous

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



3A704B



007265



00717E

# Triad

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



007265



685E90



885B39

# Complementary

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



007265



72000D

# 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.



94534C



007265



85557E

# Square

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



007265



3D6797



945065



746431

# Rectangle

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



007265



006F8C



945065



8D583E



# Sweetspot

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



007265



68948F



0D7200



2F4A47



C9C9C9



4A4A4A



# Same Dimension

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



007265



009483



004672



323837



00786A



00F7DB



# Inverse Universe

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



72000D



940011



722C00



383233



78000E



F7001C



# Previews

## White Background



This preview shows how the Hex color 007265 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

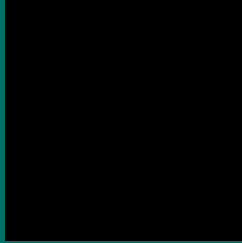
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 007265 Background



This preview shows how black text looks on a background with the Hex color 007265.

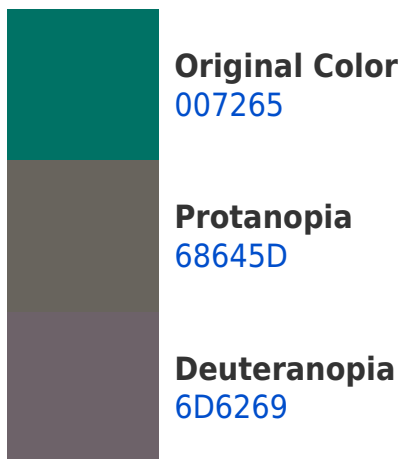


This preview shows how white text looks on a background with the Hex color 007265.

# 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**  
1E6F78

# Trichromacy



**Original Color**  
007265

**Protanomaly**  
426960

**Deuteranomaly**  
456868

**Tritanomaly**  
137071

# Monochromacy



**Original Color**  
007265

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
325B56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007265 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 #007265 looks like.

```
.text, #text, p{  
    color:#007265  
}
```

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 #007265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007265
}
```

## Border

The CSS property to change the border of an element to Hex 007265 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
#007265 }
```

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

```
.border{ border-color:#007265 }
```

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

Here you see how a box with a 4 pixel #007265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007265; -webkit-box-shadow:4px 4px  
4px 4px #007265; box-shadow:4px 4px 4px  
4px #007265 }
```

# Background

The CSS property to change the background color of an element to Hex 007265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007265 }
```

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

```
.background{ background-color:#007265 }
```

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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