

Converting Colors

Hex(007659)

Have a look what the booklet for
Hex(007659) contains.

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Color

Hex(007659)

Conversions

Conversions Part 1

Format	Color
Hex	007659
RGB	0, 118, 89
RGB Percent	0%, 46%, 35%
CMY	1.0000, 0.5373, 0.6510
CMYK	1.00, 0.00, 0.25, 0.54
HSL	165°, 100%, 23%
HSV	165°, 100%, 46%
XYZ	8.2816, 13.6781, 11.6549
YIQ	79.4120, -61.0190, -34.0350

Conversions

Conversions Part 2

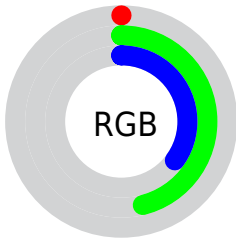
Format	Color
RYB	0, 67, 118
Decimal	30297
CIELab	43.77, -35.96, 8.09
CIELCh	44, 36.854, 167.324
Yxy	13.6781, 0.2464, 0.4069
Android (android.graphics.Color)	4278220377 (0xFF007659)
YUV	79.4120, 4.7269, -69.6443
Hunter-Lab	36.9840, -24.7515, 7.2046

Details

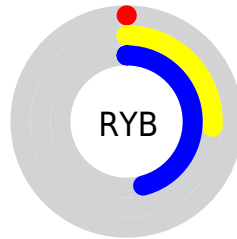
The Hex color **007659** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **76001D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4CAB8B**, and **00442B** is the 20% darker color. If you saturate the color by 10%, you get **007659**, and if you desaturate by 10%, it is **0C765C**.

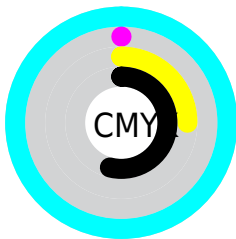
Distribution



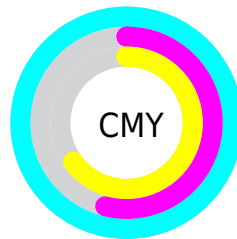
- Red (0%)
- Green (46%)
- Blue (35%)



- Red (0%)
- Yellow (26%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007659 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 007659 by changing the saturation by 10% instead.

 007659

 007659

FFFFFF

 005D42

 4CAB8B

 00442B

 68C7A5

 002D17

 84E3C0

 001600

 A0FFDC

 000000

 BDFFF9

 DAFFFF

 F7FFFF

 007659

 0C765C

 18765F

 237662

 2F7665

 3B7667

 47766A

 53766D

 5E7670

 6A7673

Harmonies

Analogous

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



45723C



007659



007779

Triad

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



007659



5464A2



98563C

Complementary

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



007659



76001D

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.



A14E57



007659



805891

Square

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



007659



006EA3



994F76



84612A

Rectangle

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



007659



00768C



994F76



9D5344

Sweetspot

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



007659



6B998E



1D7600



314D46



CCCCCC



4D4D4D

Same Dimension

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



007659



009973



005976



353B39



007A5C



00FABC

Inverse Universe

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



76001D



990026



761D00



3B3536



7A001E



FA003D

Previews

White Background



This preview shows how the Hex color 007659 looks on a white background.

Color Contrast Check

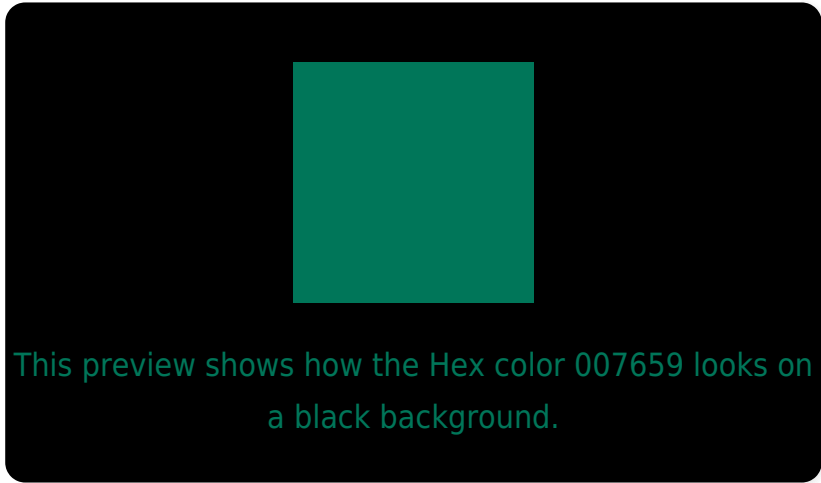
Large Text (above 18pt) WCAG AA ✓ Pass

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

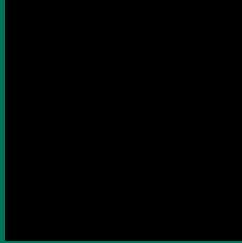
Any Text WCAG AA × Fail

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 007659 Background



This preview shows how black text looks on a background with the Hex color 007659.

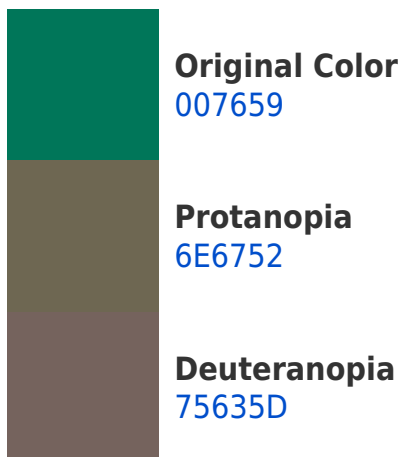


This preview shows how white text looks on a background with the Hex color 007659.

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
26727B

Trichromacy



Original Color
007659



Protanomaly
466C55



Deuteranomaly
4A6A5C



Tritanomaly
18736F

Monochromacy



Original Color
007659



Achromatopsia
4F4F4F



Achromatomaly
325D53

CSS Examples

Text

The CSS property to change the color of the text to Hex 007659 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 #007659 looks like.

```
.text, #text, p{  
    color:#007659  
}
```

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 #007659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007659
}
```

Border

The CSS property to change the border of an element to Hex 007659 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
#007659 }
```

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

```
.border{ border-color:#007659 }
```

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

Here you see how a box with a 4 pixel #007659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007659; -webkit-box-shadow:4px 4px  
4px 4px #007659; box-shadow:4px 4px 4px  
4px #007659 }
```

Background

The CSS property to change the background color of an element to Hex 007659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007659 }
```

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

```
.background{ background-color:#007659 }
```

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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