

Converting Colors

Hex(007177)

Have a look what the booklet for
Hex(007177) contains.

Hex(007177)	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(007177)

Conversions

Conversions Part 1

Format	Color
Hex	007177
RGB	0, 113, 119
RGB Percent	0%, 44%, 47%
CMY	1.0000, 0.5569, 0.5333
CMYK	1.00, 0.05, 0.00, 0.53
HSL	183°, 100%, 23%
HSV	183°, 100%, 47%
XYZ	9.2349, 13.1422, 19.5027
YIQ	79.8970, -69.2740, -22.0900

Conversions

Conversions Part 2

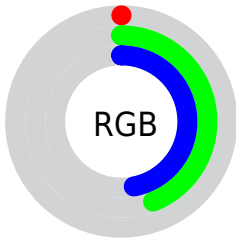
Format	Color
RYB	0, 58, 119
Decimal	29047
CIELab	42.98, -24.35, -11.06
CIELCh	43, 26.740, 204.421
Yxy	13.1422, 0.2205, 0.3138
Android (android.graphics.Color)	4278219127 (0xFF007177)
YUV	79.8970, 19.2778, -70.0697
Hunter-Lab	36.2521, -17.9700, -6.5200

Details

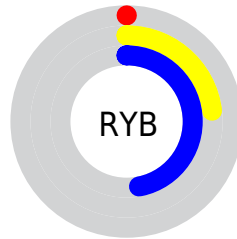
The Hex color **007177** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **770600**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4EA5AB**, and **004047** is the 20% darker color. If you saturate the color by 10%, you get **007177**, and if you desaturate by 10%, it is **0C7277**.

Distribution



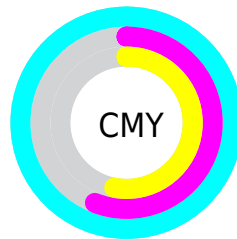
- Red (0%)
- Green (44%)
- Blue (47%)



- Red (0%)
- Yellow (23%)
- Blue (47%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007177 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 007177 by changing the saturation by 10% instead.

007177

007177

FFFFFF

00585E

4EA5AB

004047

6BC1C6

002A30

87DDE2

00131C

A3F9FF

000000

C0FFFF

DDFFFF

FBFFFF

007177

■ 0C7277

■ 187277

■ 247377

■ 307377

■ 3B7477

■ 477577

■ 537577

■ 5F7677

■ 6B7677

Harmonies

Analogous

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



297160



007177



106E89

Triad

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



007177



7D597F



786339

Complementary

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



007177



770600

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.



885B42



007177



8D556B

Square

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



007177



62618E



905554



616A3C

Rectangle

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



007177



2F6B90



905554



7E603B

Sweetspot

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



007177



6D999C



007706



334E4F



CFCFCF



4F4F4F

Same Dimension

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



007177



00949C



003677



353A3B



00747A



00EDFA

Inverse Universe

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



770071



9C0094



774100



3B353A



7A0074



FA00ED

Previews

White Background



This preview shows how the Hex color 007177 looks on a white background.

Color Contrast Check

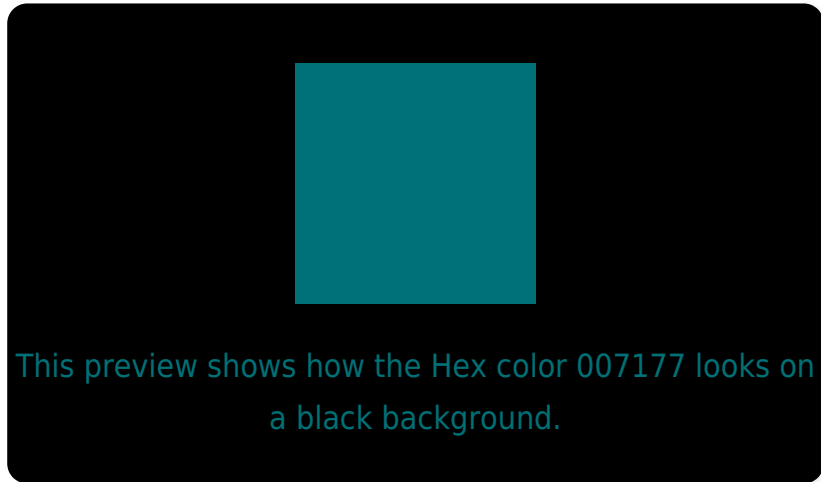
Large Text (above 18pt) WCAG AA ✓ Pass

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

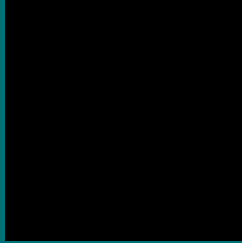
Any Text WCAG AA × Fail

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 007177 Background



This preview shows how black text looks on a background with the Hex color 007177.

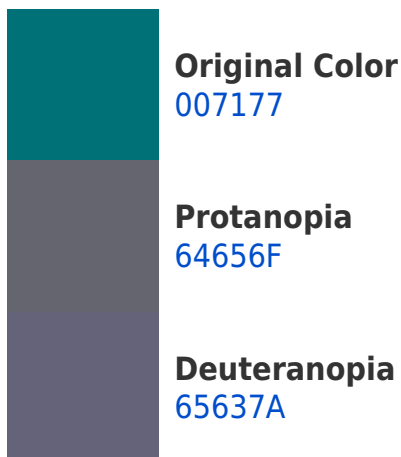


This preview shows how white text looks on a background with the Hex color 007177.

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](#).

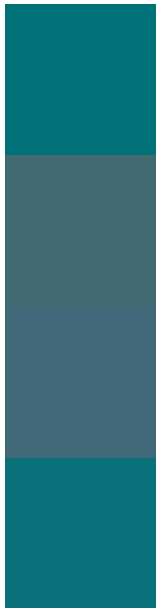
Dichromacy





Tritanopia
0D717A

Trichromacy



Original Color
007177

Protanomaly
406972

Deuteranomaly
406879

Tritanomaly
087179

Monochromacy



Original Color
007177

Achromatopsia
505050

Achromatomaly
335C5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 007177 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 #007177 looks like.

```
.text, #text, p{  
    color:#007177  
}
```

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 #007177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007177
}
```

Border

The CSS property to change the border of an element to Hex 007177 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
#007177 }
```

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

```
.border{ border-color:#007177 }
```

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

Here you see how a box with a 4 pixel #007177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007177; -webkit-box-shadow:4px 4px  
4px 4px #007177; box-shadow:4px 4px 4px  
4px #007177 }
```

Background

The CSS property to change the background color of an element to Hex 007177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007177 }
```

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

```
.background{ background-color:#007177 }
```

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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