

Converting Colors

Hex(107777)

Have a look what the booklet for
Hex(107777) contains.

Hex(107777)	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(107777)

Conversions

Conversions Part 1

Format	Color
Hex	107777
RGB	16, 119, 119
RGB Percent	6%, 47%, 47%
CMY	0.9373, 0.5333, 0.5333
CMYK	0.87, 0.00, 0.00, 0.53
HSL	180°, 76%, 26%
HSV	180°, 87%, 47%
XYZ	10.1403, 14.6357, 19.7433
YIQ	88.2030, -61.3880, -21.8360

Conversions

Conversions Part 2

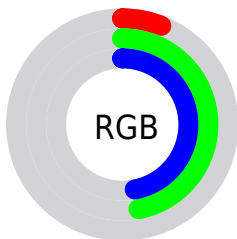
Format	Color
RYB	16, 68, 119
Decimal	1079159
CIELab	45.13, -26.36, -7.80
CIELCh	45, 27.486, 196.491
Yxy	14.6357, 0.2278, 0.3288
Android (android.graphics.Color)	4279269239 (0xFF107777)
YUV	88.2030, 15.1829, -63.3220
Hunter-Lab	38.2567, -19.6361, -3.8184

Details

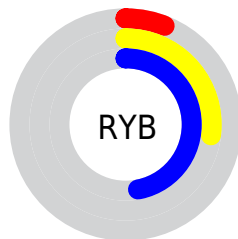
The Hex color **107777** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **771010**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **54ACAB**, and **004647** is the 20% darker color. If you saturate the color by 10%, you get **047777**, and if you desaturate by 10%, it is **1C7777**.

Distribution



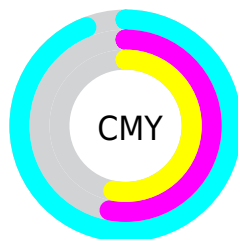
- Red (6%)
- Green (47%)
- Blue (47%)



- Red (6%)
- Yellow (27%)
- Blue (47%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)



- Cyan (94%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 107777 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 107777 by changing the saturation by 10% instead.

 107777

 107777

FFFFFF

 005E5E

 54ACAB

 004647

 70C7C6

 002F30

 8CE3E2

 001B1C

 A9FFFF

 000000

 C6FFFF

 E3FFFF

 107777

 107777

 047777

 1C7777

■ 007777

■ 287777

■ 347777

■ 407777

■ 4B7777

■ 577777

■ 637777

■ 6F7777

■ 7B7777

Harmonies

Analogous

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



36765F



107777



06758B

Triad

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



107777



7D608B



83663E

Complementary

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



107777



771010

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.



925E4B



107777



915A76

Square

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



107777



5E6997



98595F



6D6D3E

Rectangle

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



107777



277294



98595F



896341

Sweetspot

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



107777



739C9C



107710



374F4F



CFCFCF



4F4F4F

Same Dimension

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



107777



009C9C



104377



353B3B



007A7A



00FAFA

Inverse Universe

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



771077



9C009C



774310



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 107777 looks on a white background.

Color Contrast Check

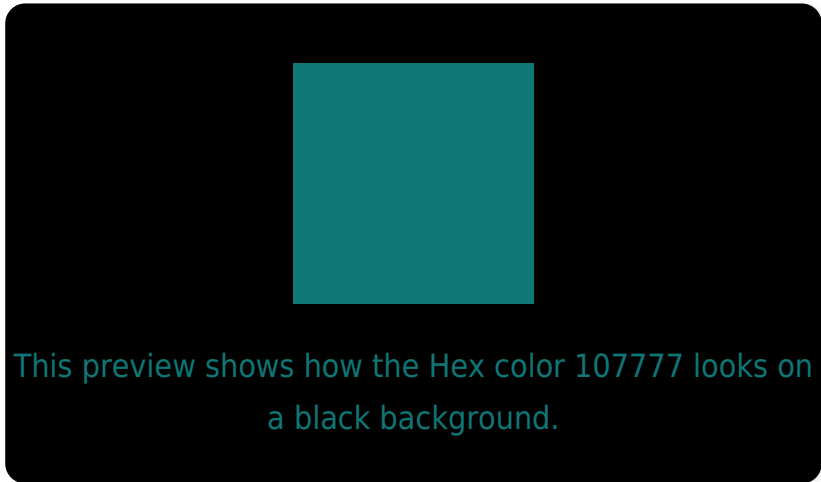
Large Text (above 18pt) WCAG AA ✓ Pass

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

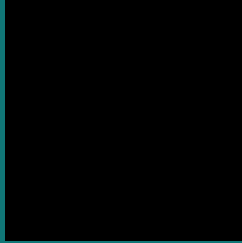
Any Text WCAG AA × Fail

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 107777 Background



This preview shows how black text looks on a background with the Hex color 107777.

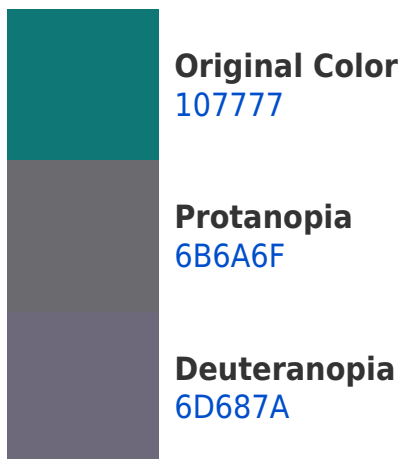


This preview shows how white text looks on a background with the Hex color 107777.

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
1A767F

Trichromacy



Original Color
107777

Protanomaly
4A6F72

Deuteranomaly
4B6D79

Tritanomaly
16767C

Monochromacy



Original Color
107777

Achromatopsia
585858

Achromatomaly
3E6363

CSS Examples

Text

The CSS property to change the color of the text to Hex 107777 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 #107777 looks like.

```
.text, #text, p{  
    color:#107777  
}
```

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 #107777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107777  
}
```

Border

The CSS property to change the border of an element to Hex 107777 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  
#107777 }
```

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

```
.border{ border-color:#107777 }
```

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

Here you see how a box with a 4 pixel #107777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107777; -webkit-box-shadow:4px 4px  
4px 4px #107777; box-shadow:4px 4px 4px  
4px #107777 }
```

Background

The CSS property to change the background color of an element to Hex 107777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107777 }
```

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

```
.background{ background-color:#107777 }
```

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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