

Converting Colors

Hex(107797)

Have a look what the booklet for
Hex(107797) contains.

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Color

Hex(107797)

Conversions

Conversions Part 1

Format	Color
Hex	107797
RGB	16, 119, 151
RGB Percent	6%, 47%, 59%
CMY	0.9373, 0.5333, 0.4078
CMYK	0.89, 0.21, 0.00, 0.41
HSL	194°, 81%, 33%
HSV	194°, 89%, 59%
XYZ	12.3964, 15.5382, 31.6240
YIQ	91.8510, -71.6600, -11.8840

Conversions

Conversions Part 2

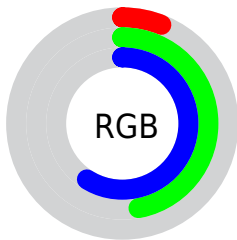
Format	Color
RYB	16, 74, 151
Decimal	1079191
CIELab	46.36, -15.24, -24.93
CIELCh	46, 29.217, 238.560
Yxy	15.5382, 0.2081, 0.2609
Android (android.graphics.Color)	4279269271 (0xFF107797)
YUV	91.8510, 29.1605, -66.5213
Hunter-Lab	39.4185, -12.8472, -19.9732

Details

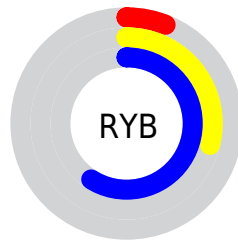
The Hex color **107797** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **973010**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **59ABCD**, and **004764** is the 20% darker color. If you saturate the color by 10%, you get **017397**, and if you desaturate by 10%, it is **1F7B97**.

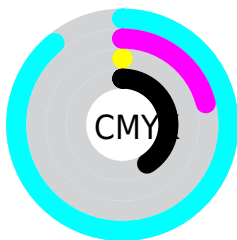
Distribution



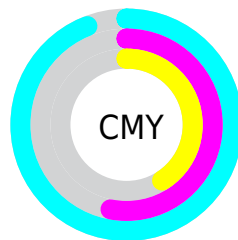
- Red (6%)
- Green (47%)
- Blue (59%)



- Red (6%)
- Yellow (29%)
- Blue (59%)



- Cyan (89%)
- Magenta (21%)
- Yellow (0%)
- Black (41%)



- Cyan (94%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 107797 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 107797 by changing the saturation by 10% instead.

107797

107797

FFFFFF

005E7D

59ABCD

004764

77C7EA

00304C

93E3FF

001C35

B0FFFF

000220

CEFFFF

000003

EBFFFF

000000

107797

107797

017397

1F7B97

■ 007397

■ 2E7E97

■ 3D8297

■ 4C8597

■ 5C8997

■ 6B8C97

■ 7A9097

■ 899497

■ 989797

Harmonies

Analogous

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



007A84



107797



47719E

Triad

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



107797



9B5B70



667342

Complementary

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



107797



973010

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.



7F6C3C



107797



9C5C58

Square

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



107797



8B5F88



926345



487853

Rectangle

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



107797



626B9C



926345



6E713E

Sweetspot

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



107797



8FB8C4



109730



445C63



E3E3E3



636363

Same Dimension

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



107797



0096C4



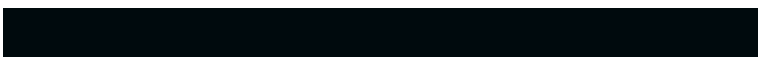
103497



454B4D



006B8C



000A0D

Inverse Universe

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



971077



C40096



977310



4D454B



8C006B



0D000A

Previews

White Background



This preview shows how the Hex color 107797 looks on a white background.

Color Contrast Check

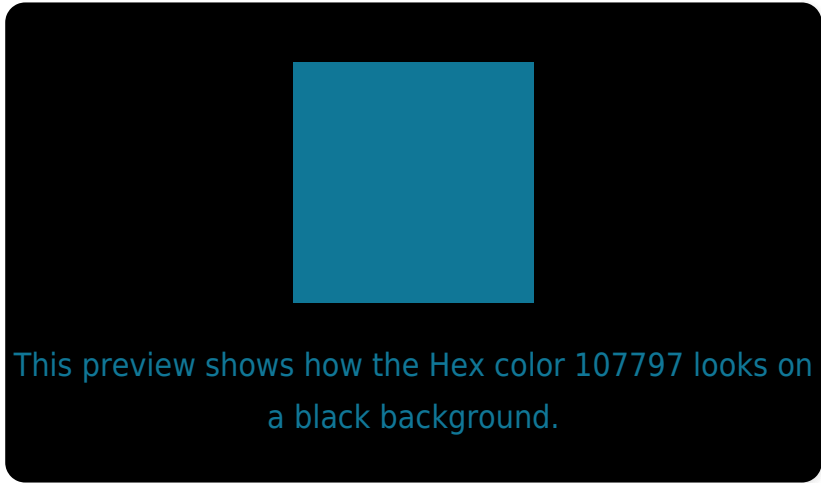
Large Text (above 18pt) WCAG AA ✓ Pass

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

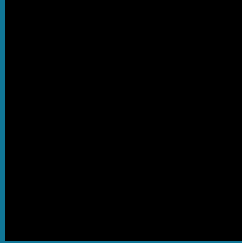
Any Text WCAG AA × Fail

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 107797 Background



This preview shows how black text looks on a background with the Hex color 107797.



This preview shows how white text looks on a background with the Hex color 107797.

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](#).

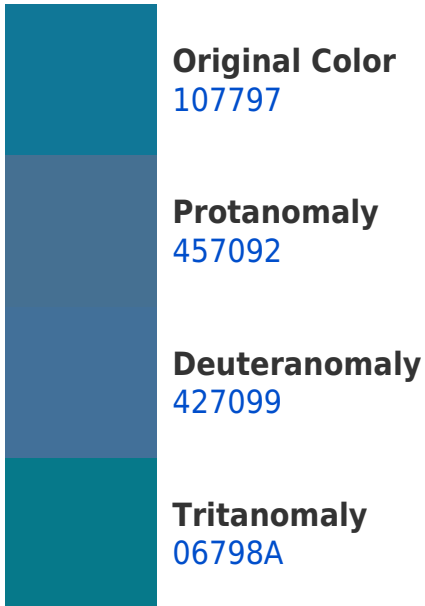
Dichromacy



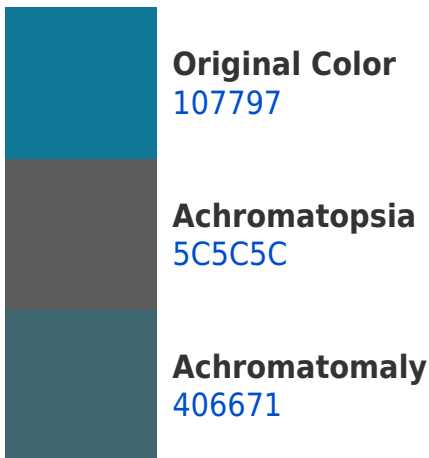


Tritanopia
007A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 107797 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 #107797 looks like.

```
.text, #text, p{  
    color:#107797  
}
```

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 #107797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107797
}
```

Border

The CSS property to change the border of an element to Hex 107797 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
#107797 }
```

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

```
.border{ border-color:#107797 }
```

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

Here you see how a box with a 4 pixel #107797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107797; -webkit-box-shadow:4px 4px  
4px 4px #107797; box-shadow:4px 4px 4px  
4px #107797 }
```

Background

The CSS property to change the background color of an element to Hex 107797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107797 }
```

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

```
.background{ background-color:#107797 }
```

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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