

Converting Colors

Hex(107C79)

Have a look what the booklet for
Hex(107C79) contains.

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Color

Hex(107C79)

Conversions

Conversions Part 1

Format	Color
Hex	107C79
RGB	16, 124, 121
RGB Percent	6%, 49%, 47%
CMY	0.9373, 0.5137, 0.5255
CMYK	0.87, 0.00, 0.02, 0.51
HSL	178°, 77%, 27%
HSV	178°, 87%, 49%
XYZ	10.8725, 15.9059, 20.5863
YIQ	91.3660, -63.4050, -23.8290

Conversions

Conversions Part 2

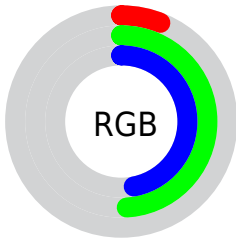
Format	Color
RYB	16, 71, 124
Decimal	1080441
CIELab	46.85, -28.19, -6.43
CIELCh	47, 28.915, 192.841
Yxy	15.9059, 0.2295, 0.3358
Android (android.graphics.Color)	4279270521 (0xFF107C79)
YUV	91.3660, 14.6096, -66.0960
Hunter-Lab	39.8822, -21.1320, -2.6865

Details

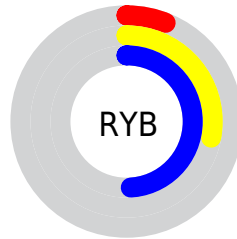
The Hex color **107C79** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C1013**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **55B1AD**, and **004A49** is the 20% darker color. If you saturate the color by 10%, you get **047C79**, and if you desaturate by 10%, it is **1C7C79**.

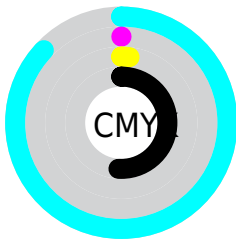
Distribution



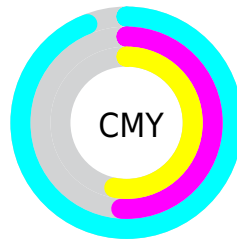
- Red (6%)
- Green (49%)
- Blue (47%)



- Red (6%)
- Yellow (28%)
- Blue (49%)



- Cyan (87%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (94%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 107C79 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 107C79 by changing the saturation by 10% instead.



107C79



107C79

FFFFFF



006360



55B1AD



004A49



72CDC9



003332



8EE9E5



00201D



AAFFFF



000002



C7FFFF



000000



E5FFFF



107C79



107C79



047C79



1C7C79

■ 007C79

■ 297C7A

■ 357C7A

■ 427C7A

■ 4E7C7B

■ 5A7C7B

■ 677C7B

■ 737C7C

■ 807C7C

Harmonies

Analogous

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



3A7B60



107C79



007A8F

Triad

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



107C79



7F6593



8B6941

Complementary

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



107C79



7C1013

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.



9A614F



107C79



955E7E

Square

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



107C79



5D6E9E



9E5C65



75713F

Rectangle

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



107C79



1F779A



9E5C65



916644

Sweetspot

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



107C79



77A19F



147C10



385251



D1D1D1



525252

Same Dimension

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



107C79



00A19C



104A7C



373D3D



007D79



00FCF5

Inverse Universe

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



7C1013



A10004



7C4210



3D3737



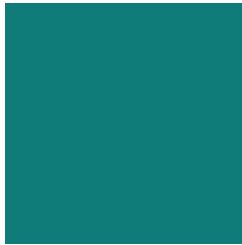
7D0003



FC0007

Previews

White Background



This preview shows how the Hex color 107C79 looks on a white background.

Color Contrast Check

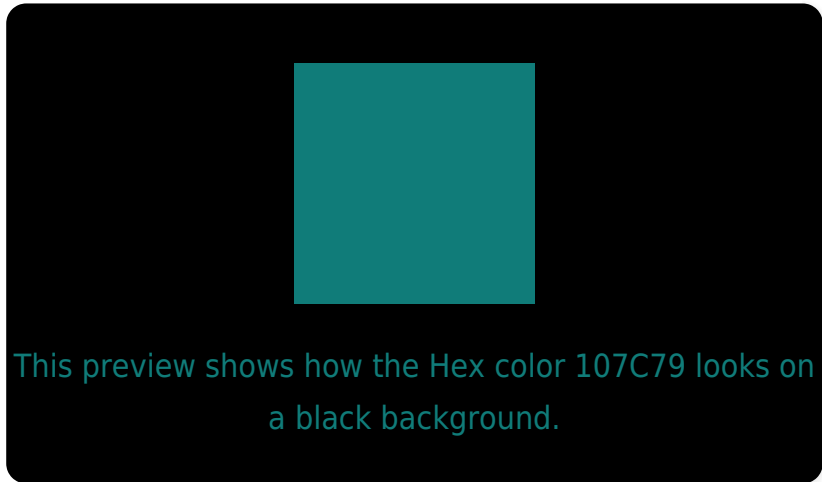
Large Text (above 18pt) WCAG AA ✓ Pass

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

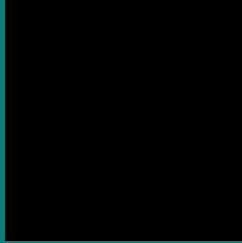
Any Text WCAG AA × Fail

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 107C79 Background



This preview shows how black text looks on a background with the Hex color 107C79.




This preview shows how white text looks on a background with the Hex color 107C79.

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
1D7A84

Trichromacy



Original Color
107C79

Protanomaly
4D7374

Deuteranomaly
4F727C

Tritanomaly
187B80

Monochromacy



Original Color
107C79

Achromatopsia
5B5B5B

Achromatomaly
406766

CSS Examples

Text

The CSS property to change the color of the text to Hex 107C79 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 #107C79 looks like.

```
.text, #text, p{  
    color:#107C79  
}
```

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 #107C79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107C79
}
```

Border

The CSS property to change the border of an element to Hex 107C79 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
#107C79 }
```

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

```
.border{ border-color:#107C79 }
```

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

Here you see how a box with a 4 pixel #107C79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107C79; -webkit-box-shadow:4px 4px  
4px 4px #107C79; box-shadow:4px 4px 4px  
4px #107C79 }
```

Background

The CSS property to change the background color of an element to Hex 107C79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107C79 }
```

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

```
.background{ background-color:#107C79 }
```

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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