

Converting Colors

Hex(097C91)

Have a look what the booklet for
Hex(097C91) contains.

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Color

Hex(097C91)

Conversions

Conversions Part 1

Format	Color
Hex	097C91
RGB	9, 124, 145
RGB Percent	4%, 49%, 57%
CMY	0.9647, 0.5137, 0.4314
CMYK	0.94, 0.14, 0.00, 0.43
HSL	189°, 88%, 30%
HSV	189°, 94%, 57%
XYZ	12.4311, 16.5177, 29.3211
YIQ	92.0090, -75.2810, -17.8490

Conversions

Conversions Part 2

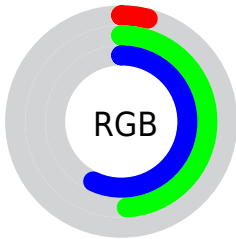
Format	Color
RYB	9, 71, 145
Decimal	621713
CIELab	47.65, -20.54, -19.42
CIELCh	48, 28.263, 223.395
Yxy	16.5177, 0.2133, 0.2835
Android (android.graphics.Color)	4278811793 (0xFF097C91)
YUV	92.0090, 26.1246, -72.7989
Hunter-Lab	40.6420, -16.5258, -14.3253

Details

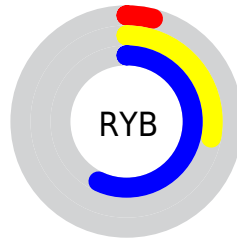
The Hex color **097C91** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **911E09**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **57B1C7**, and **004B5F** is the 20% darker color. If you saturate the color by 10%, you get **007B91**, and if you desaturate by 10%, it is **177E91**.

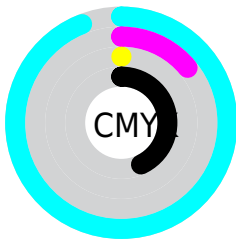
Distribution



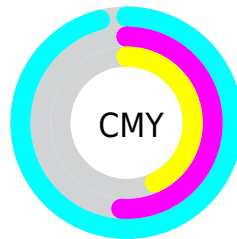
- Red (4%)
- Green (49%)
- Blue (57%)



- Red (4%)
- Yellow (28%)
- Blue (57%)



- Cyan (94%)
- Magenta (14%)
- Yellow (0%)
- Black (43%)



- Cyan (96%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 097C91 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 097C91 by changing the saturation by 10% instead.

 097C91

 097C91

FFFFFF

 006377

 57B1C7

 004B5F

 74CCE3

 003447

 91E9FF

 002030

 AEFFFF

 00011C

 CBFFFF

 000000

 E9FFFF

 097C91

 097C91

 007B91

 177E91

■ 268091

■ 358391

■ 438591

■ 528791

■ 608991

■ 6F8C91

■ 7D8E91

■ 8B9091

Harmonies

Analogous

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



197E7B



097C91



36779E

Triad

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



097C91



97607F



767342

Complementary

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



097C91



911E09

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.



8C6B44



097C91



9F5F67

Square

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



097C91



816794



9B6351



5C794E

Rectangle

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



097C91



5372A0



9B6351



7E7041

Sweetspot

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



097C91



88B5BD



09911D



3E595E



DEDEDE



5E5E5E

Same Dimension

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



097C91



00A0BD



093991



404647



007287



000608

Inverse Universe

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



91097C



BD00A0



916109



474046



870072



080006

Previews

White Background



This preview shows how the Hex color 097C91 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



This preview shows how the Hex color 097C91 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

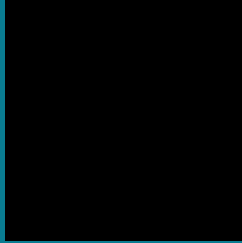
Any Text WCAG AA × Fail

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 097C91 Background



This preview shows how black text looks on a background with the Hex color 097C91.

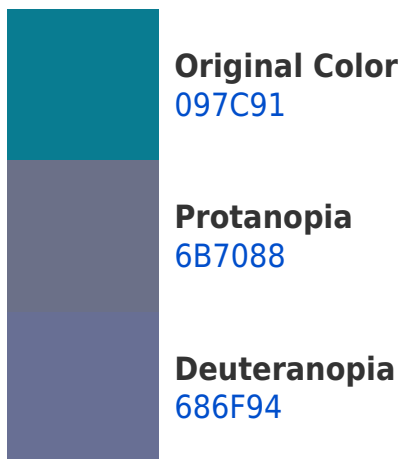


This preview shows how white text looks on a background with the Hex color 097C91.

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
007D87

Trichromacy



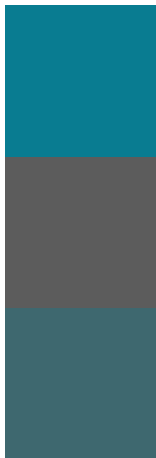
Original Color
097C91

Protanomaly
47748B

Deuteranomaly
457493

Tritanomaly
037D8B

Monochromacy



Original Color
097C91

Achromatopsia
5C5C5C

Achromatomaly
3E686F

CSS Examples

Text

The CSS property to change the color of the text to Hex 097C91 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 #097C91 looks like.

```
.text, #text, p{  
    color:#097C91  
}
```

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 #097C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #097C91
}
```

Border

The CSS property to change the border of an element to Hex 097C91 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
#097C91 }
```

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

```
.border{ border-color:#097C91 }
```

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

Here you see how a box with a 4 pixel #097C91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #097C91; -webkit-box-shadow:4px 4px  
4px 4px #097C91; box-shadow:4px 4px 4px  
4px #097C91 }
```

Background

The CSS property to change the background color of an element to Hex 097C91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#097C91 }
```

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

```
.background{ background-color:#097C91 }
```

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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