

# Converting Colors

Hex(26917C)

Have a look what the booklet for  
Hex(26917C) contains.

<b>Hex(26917C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(26917C)

# Conversions

## Conversions Part 1

Format	Color
Hex	26917C
RGB	38, 145, 124
RGB Percent	15%, 57%, 49%
CMY	0.8510, 0.4314, 0.5137
CMYK	0.74, 0.00, 0.14, 0.43
HSL	168°, 58%, 36%
HSV	168°, 74%, 57%
XYZ	14.5628, 22.1181, 22.5705
YIQ	110.6130, -57.0310, -29.2150

# Conversions

## Conversions Part 2

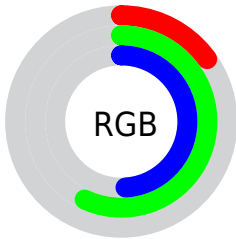
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 97, 145
Decimal	2527612
CIE <sub>Lab</sub>	54.15, -34.83, 2.59
CIE <sub>LCh</sub>	54, 34.925, 175.752
Yxy	22.1181, 0.2458, 0.3733
Android (android.graphics.Color)	4280717692 (0xFF26917C)
YUV	110.6130, 6.5998, -63.6816
Hunter-Lab	47.0299, -27.0297, 4.4666

# Details

The Hex color **26917C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **91263B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **64C8B0**, and **005E4B** is the 20% darker color. If you saturate the color by 10%, you get **179179**, and if you desaturate by 10%, it is **35917F**.

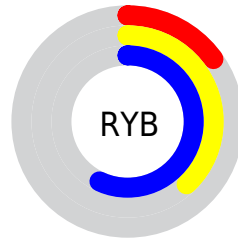
# Distribution



Red (15%)

Green (57%)

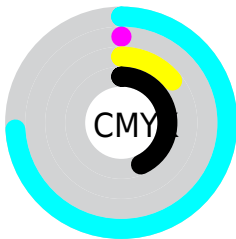
Blue (49%)



Red (15%)

Yellow (38%)

Blue (57%)

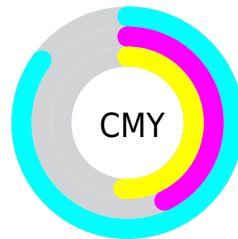


Cyan (74%)

Magenta (0%)

Yellow (14%)

Black (43%)



Cyan (85%)

Magenta (43%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26917C 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 26917C by changing the saturation by 10% instead.



 26917C

 26917C

FFFFFF

 007763

 64C8B0

 005E4B

 80E4CC

 004535

 9DFFE8

 002E20

 BAEFFF

 001708

 D7FFFF

 000000

 F4FFFF

 26917C

 26917C

 179179

 35917F

099176

439182

009175

529185

609187

6F918A

7D918D

8B9190

9A9193

A99196

# Harmonies

## Analogous

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



568E5E



26917C



00919B

# Triad

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



26917C



7E7BB8



AF7451

# Complementary

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



26917C



91263B

# 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.



BB6B69



26917C



A370A4

# Square

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



26917C



4986BD



B86A87



987E45

# Rectangle

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



26917C



008FAC



B86A87



B57058



# Sweetspot

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



26917C



93BDB5



3B9126



465E5A



DEDEDE



5E5E5E



# Same Dimension

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



26917C



15BD9C



267191



404746



00876D



000806



# Inverse Universe

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



91263B



BD1536



914626



474042



87001B

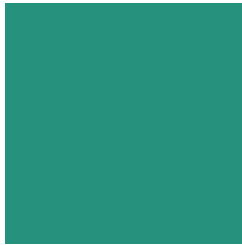


080002



# Previews

## White Background



This preview shows how the Hex color 26917C looks on a white background.

## Color Contrast Check

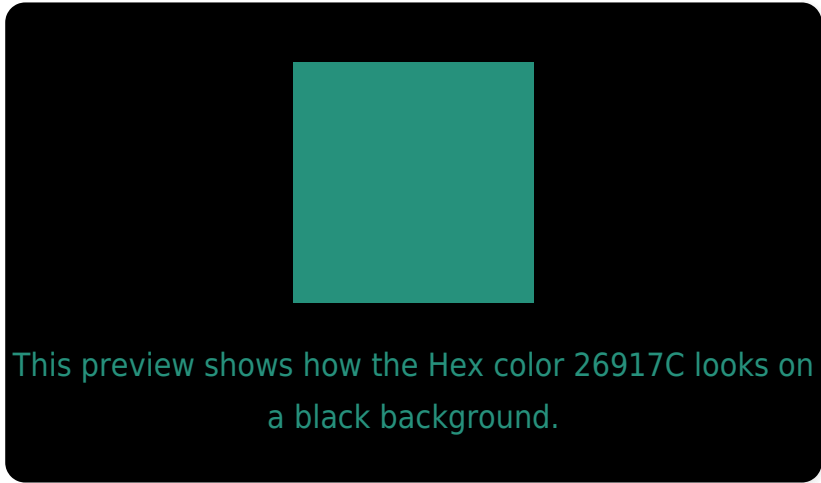
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

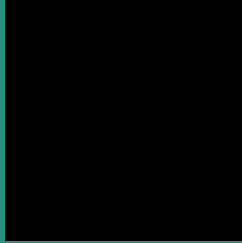
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 26917C Background



This preview shows how black text looks on a background with the Hex color 26917C.

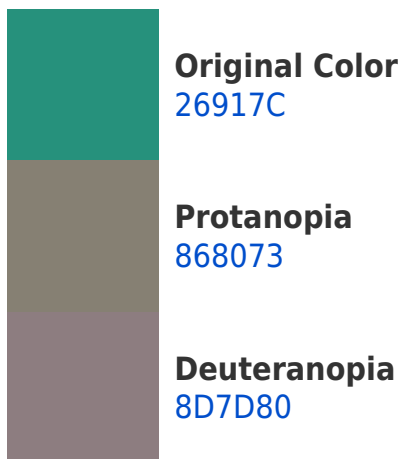


This preview shows how white text looks on a background with the Hex color 26917C.

# 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](#).

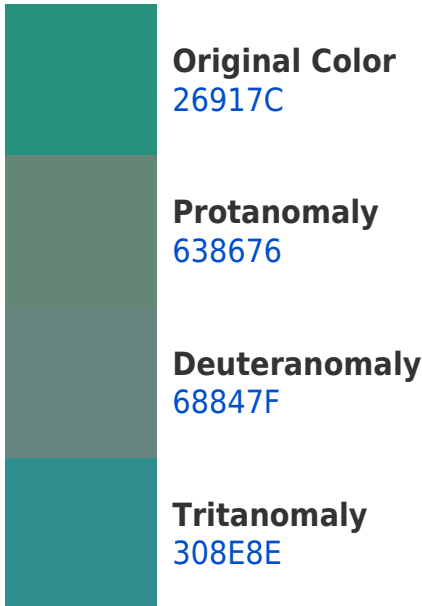
## Dichromacy



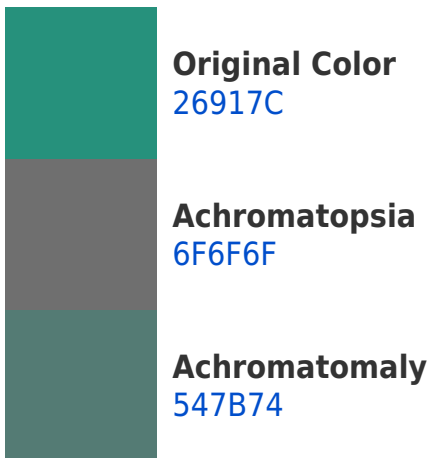


**Tritanopia**  
368D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26917C 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 #26917C looks like.

```
.text, #text, p{  
    color:#26917C  
}
```

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 #26917C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26917C
}
```

## Border

The CSS property to change the border of an element to Hex 26917C 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
#26917C }
```

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

```
.border{ border-color:#26917C }
```

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

Here you see how a box with a 4 pixel #26917C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26917C; -webkit-box-shadow:4px 4px  
4px 4px #26917C; box-shadow:4px 4px 4px  
4px #26917C }
```

# Background

The CSS property to change the background color of an element to Hex 26917C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26917C }
```

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

```
.background{ background-color:#26917C }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor