

# Converting Colors

Hex(3B917A)

Have a look what the booklet for  
Hex(3B917A) contains.

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**Color**

**Hex(3B917A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B917A
RGB	59, 145, 122
RGB Percent	23%, 57%, 48%
CMY	0.7686, 0.4314, 0.5216
CMYK	0.59, 0.00, 0.16, 0.43
HSL	164°, 42%, 40%
HSV	164°, 59%, 57%
XYZ	15.4419, 22.5857, 21.9580
YIQ	116.6640, -43.8730, -25.3850

# Conversions

## Conversions Part 2

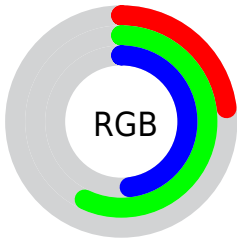
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 109, 145
Decimal	3903866
CIELab	54.64, -31.67, 4.51
CIElCh	55, 31.987, 171.888
Yxy	22.5857, 0.2574, 0.3765
Android (android.graphics.Color)	4282093946 (0xFF3B917A)
YUV	116.6640, 2.6306, -50.5713
Hunter-Lab	47.5245, -25.1687, 5.8731

# Details

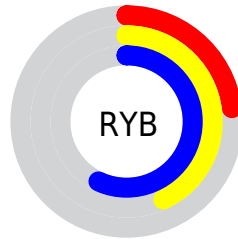
The Hex color **3B917A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **913B52**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **72C7AE**, and **005E49** is the 20% darker color. If you saturate the color by 10%, you get **2D9176**, and if you desaturate by 10%, it is **4A917E**.

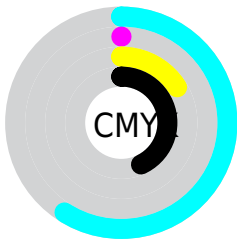
# Distribution



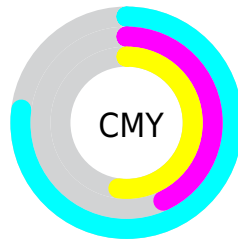
- Red (23%)
- Green (57%)
- Blue (48%)



- Red (23%)
- Yellow (43%)
- Blue (57%)



- Cyan (59%)
- Magenta (0%)
- Yellow (16%)
- Black (43%)



- Cyan (77%)
- Magenta (43%)
- Yellow (52%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B917A 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 3B917A by changing the saturation by 10% instead.



 3B917A

 3B917A

FFFFFF

 1B7761

 72C7AE

 005E49

 8EE4CA

 004633

 AAFFE6

 002E1E

 C7FFFF

 001905

 E4FFFF

 000000

 3B917A

 3B917A

 2D9176

 4A917E

 1E9172

 589182

0F916E

669186

01916A

75918A

00916A

84918D

929191

A19195

AF9199

BE919D

# Harmonies

## Analogous

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



608E60



3B917A



069196

# Triad

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



3B917A



7B7EB6



B07558

# Complementary

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



3B917A



913B52

# 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.



B96E70



3B917A



9E74A5

# Square

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



3B917A



4C88B9



B36E8B



9C7E4C

# Rectangle

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



3B917A



0090A7



B36E8B



B4725F



# Sweetspot

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



3B917A



9BBDB4



53913B



4A5E59



DEDEDE



5E5E5E



# Same Dimension

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



3B917A



37BD99



3B7E91



404745



008763



000806



# Inverse Universe

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



913B52



BD375B



914E3B



474042



870024

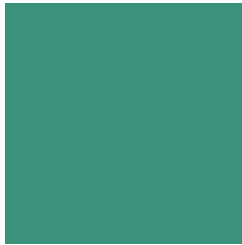


080002



# Previews

## White Background



This preview shows how the Hex color 3B917A looks on a white background.

## Color Contrast Check

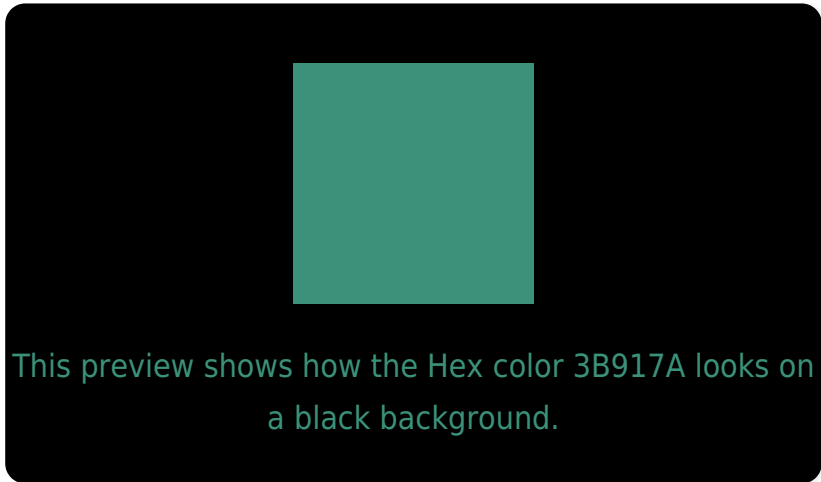
Large Text (above 18pt) WCAG AA ✓ Pass

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

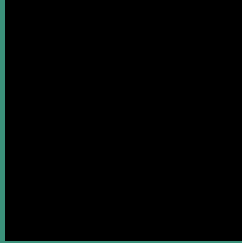
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3B917A Background



This preview shows how black text looks on a background with the Hex color 3B917A.

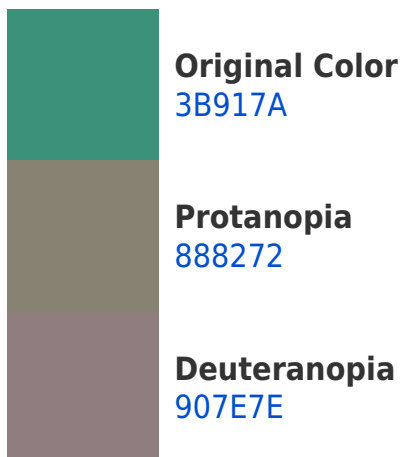


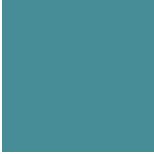
This preview shows how white text looks on a background with the Hex color 3B917A.

# 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**  
468D98

# Trichromacy



**Original Color**  
3B917A



**Protanomaly**  
6C8775



**Deuteranomaly**  
71857D



**Tritanomaly**  
428E8D

# Monochromacy



**Original Color**  
3B917A



**Achromatopsia**  
757575



**Achromatomaly**  
607F77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B917A 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 #3B917A looks like.

```
.text, #text, p{  
    color:#3B917A  
}
```

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 #3B917A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B917A
}
```

## Border

The CSS property to change the border of an element to Hex 3B917A 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
#3B917A }
```

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

```
.border{ border-color:#3B917A }
```

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

Here you see how a box with a 4 pixel #3B917A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B917A; -webkit-box-shadow:4px 4px  
4px 4px #3B917A; box-shadow:4px 4px 4px  
4px #3B917A }
```

# Background

The CSS property to change the background color of an element to Hex 3B917A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B917A }
```

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

```
.background{ background-color:#3B917A }
```

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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