

# Converting Colors

Hex(3D9C9C)

Have a look what the booklet for  
Hex(3D9C9C) contains.

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# Color

Hex(3D9C9C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3D9C9C
RGB	61, 156, 156
RGB Percent	24%, 61%, 61%
CMY	0.7608, 0.3882, 0.3882
CMYK	0.61, 0.00, 0.00, 0.39
HSL	180°, 44%, 43%
HSV	180°, 61%, 61%
XYZ	19.8137, 27.1693, 35.6524
YIQ	127.5950, -56.6200, -20.1400

# Conversions

## Conversions Part 2

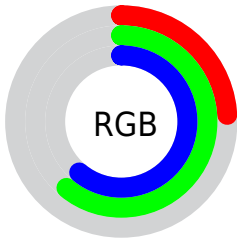
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 109, 156
Decimal	4037788
CIE <sub>Lab</sub>	59.13, -27.37, -8.31
CIE <sub>LCh</sub>	59, 28.605, 196.897
Yxy	27.1693, 0.2398, 0.3288
Android (android.graphics.Color)	4282227868 (0xFF3D9C9C)
YUV	127.5950, 14.0037, -58.4038
Hunter-Lab	52.1242, -23.3652, -4.0668

# Details

The Hex color **3D9C9C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C3D3D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **77D3D2**, and **006869** is the 20% darker color. If you saturate the color by 10%, you get **2D9C9C**, and if you desaturate by 10%, it is **4D9C9C**.

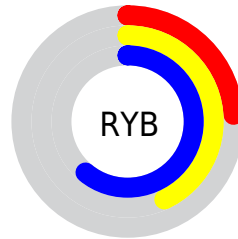
# Distribution



Red (24%)

Green (61%)

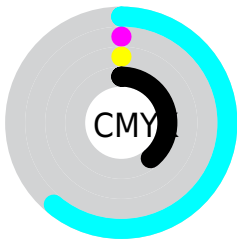
Blue (61%)



Red (24%)

Yellow (43%)

Blue (61%)

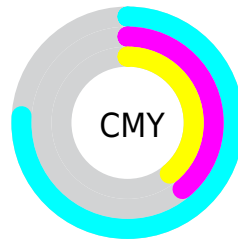


Cyan (61%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (76%)

Magenta (39%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D9C9C 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 3D9C9C by changing the saturation by 10% instead.



 3D9C9C

 3D9C9C

FFFFFF

 198282

 77D3D2

 006869

 94EFEF

 005051

 B0FFFF

 00383A

 CEFFFF

 002324

 EBFFFF

 000110

 000000

 3D9C9C

 3D9C9C

 2D9C9C

 4D9C9C

■ 1E9C9C

■ 5C9C9C

■ 0E9C9C

■ 6C9C9C

■ 009C9C

■ 7B9C9C

■ 8B9C9C

■ 9B9C9C

■ AA9C9C

■ BA9C9C

■ C99C9C

# Harmonies

## Analogous

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



579B82



3D9C9C



3C9AB2

# Triad

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



3D9C9C



A383B1



A9895E

# Complementary

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



3D9C9C



9C3D3D

# 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.



BA816B



3D9C9C



B97D9A

# Square

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



3D9C9C



828CBE



C07C81



91915E

# Rectangle

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



3D9C9C



4F96BC



C07C81



B08661



# Sweetspot

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



3D9C9C



A7CCCC



3D9C3D



506666



E6E6E6



666666



# Same Dimension

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



3D9C9C



37CCCC



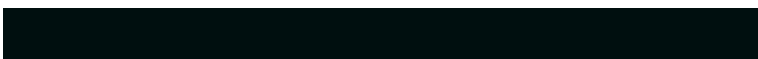
3D6D9C



474F4F



008F8F



000F0F



# Inverse Universe

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



9C3D9C



CC37CC



9C6D3D



4F474F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 3D9C9C looks on a white background.

## Color Contrast Check

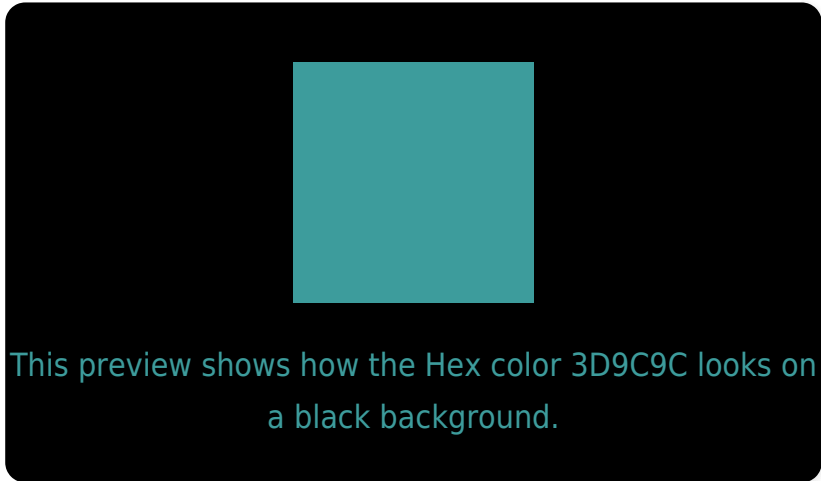
Large Text (above 18pt) WCAG AA ✓ Pass

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

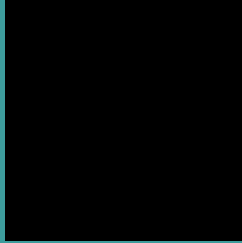
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3D9C9C Background



This preview shows how black text looks on a background with the Hex color 3D9C9C.

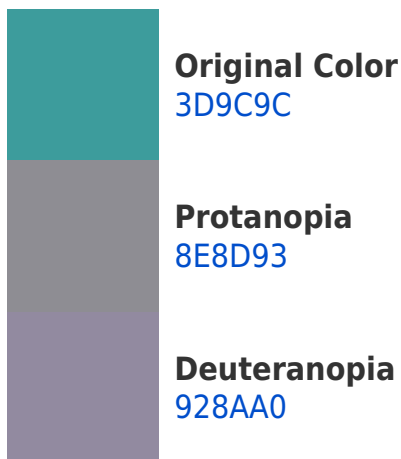


This preview shows how white text looks on a background with the Hex color 3D9C9C.

# 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**  
429AA7

# Trichromacy



**Original Color**  
3D9C9C



**Protanomaly**  
719296



**Deuteranomaly**  
73919F



**Tritanomaly**  
409BA3

# Monochromacy



**Original Color**  
3D9C9C



**Achromatopsia**  
808080



**Achromatomaly**  
688A8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D9C9C 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 #3D9C9C looks like.

```
.text, #text, p{  
    color:#3D9C9C  
}
```

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 #3D9C9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9C9C
}
```

## Border

The CSS property to change the border of an element to Hex 3D9C9C 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
#3D9C9C }
```

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

```
.border{ border-color:#3D9C9C }
```

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

Here you see how a box with a 4 pixel #3D9C9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9C9C; -webkit-box-shadow:4px 4px  
4px 4px #3D9C9C; box-shadow:4px 4px 4px  
4px #3D9C9C }
```

# Background

The CSS property to change the background color of an element to Hex 3D9C9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9C9C }
```

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

```
.background{ background-color:#3D9C9C }
```

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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