

Converting Colors

Hex(3C9E9D)

Have a look what the booklet for
Hex(3C9E9D) contains.

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Color

Hex(3C9E9D)

Conversions

Conversions Part 1

Format	Color
Hex	3C9E9D
RGB	60, 158, 157
RGB Percent	24%, 62%, 62%
CMY	0.7647, 0.3804, 0.3843
CMYK	0.62, 0.00, 0.01, 0.38
HSL	179°, 45%, 43%
HSV	179°, 62%, 62%
XYZ	20.1761, 27.8487, 36.2102
YIQ	128.5840, -58.0870, -21.0870

Conversions

Conversions Part 2

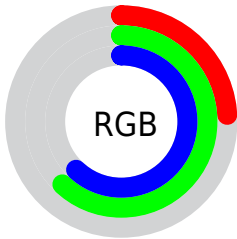
Format	Color
RYB	60, 109, 158
Decimal	3972765
CIELab	59.75, -28.25, -7.96
CIELCh	60, 29.350, 195.733
Yxy	27.8487, 0.2395, 0.3306
Android (android.graphics.Color)	4282162845 (0xFF3C9E9D)
YUV	128.5840, 14.0091, -60.1482
Hunter-Lab	52.7719, -24.1053, -3.7424

Details

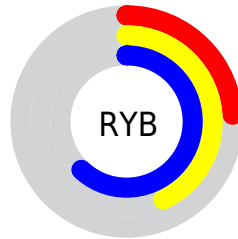
The Hex color **3C9E9D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E3C3D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **77D5D3**, and **006A6A** is the 20% darker color. If you saturate the color by 10%, you get **2C9E9D**, and if you desaturate by 10%, it is **4C9E9D**.

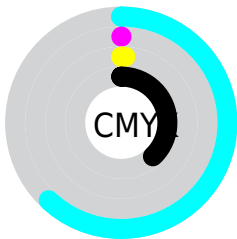
Distribution



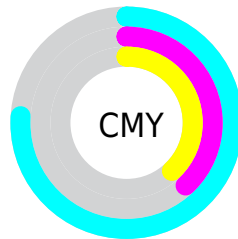
- Red (24%)
- Green (62%)
- Blue (62%)



- Red (24%)
- Yellow (43%)
- Blue (62%)



- Cyan (62%)
- Magenta (0%)
- Yellow (1%)
- Black (38%)



- Cyan (76%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C9E9D 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 3C9E9D by changing the saturation by 10% instead.

 3C9E9D

 3C9E9D

FFFFFF

 168483

 77D5D3

 006A6A

 93F2F0

 005152

 B0FFFF

 003A3B

 CDFFFF

 002525

 EBFFFF

 000111

 000000

 3C9E9D

 3C9E9D

 2C9E9D

 4C9E9D

■ 1C9E9D

■ 5C9E9D

■ 0D9E9D

■ 6B9E9D

■ 009E9C

■ 7B9E9E

■ 8B9E9E

■ 9B9E9E

■ AB9E9E

■ BA9E9E

■ CA9E9E

Harmonies

Analogous

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



589D82



3C9E9D



399CB4

Triad

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



3C9E9D



A484B4



AD8A5E

Complementary

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



3C9E9D



9E3C3D

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.



BE826C



3C9E9D



BB7E9D

Square

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



3C9E9D



828EC1



C37D83



94935E

Rectangle

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



3C9E9D



4D98BE



C37D83



B38761

Sweetspot

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



3C9E9D



A7CFCE



3E9E3C



516968



E8E8E8



696969

Same Dimension

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



3C9E9D



36CFCD



3C6F9E



474F4F



008F8D



000F0F

Inverse Universe

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



9E3C3D



CF3637



9E6B3C



4F4747



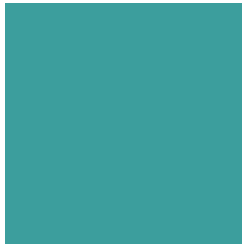
8F0001



0F0000

Previews

White Background



This preview shows how the Hex color 3C9E9D looks on a white background.

Color Contrast Check

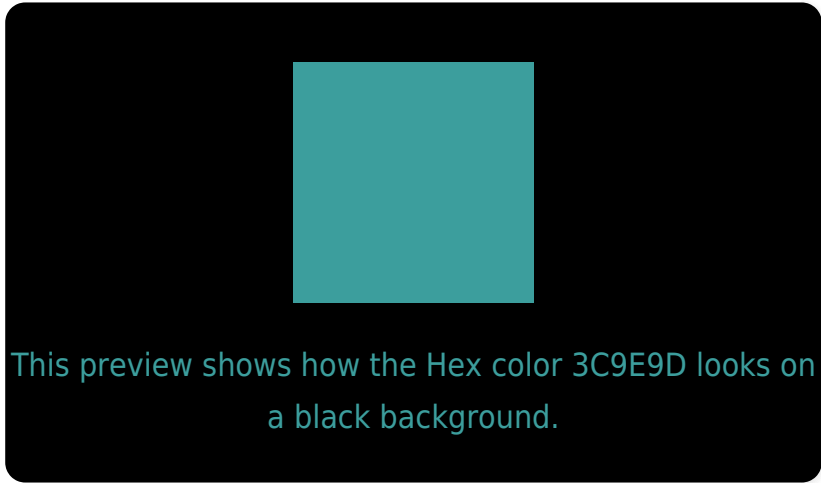
Large Text (above 18pt) WCAG AA ✓ Pass

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

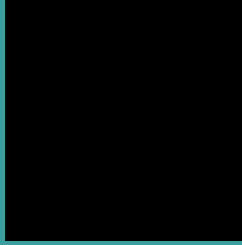
Any Text WCAG AA ✓ Pass

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 3C9E9D Background



This preview shows how black text looks on a background with the Hex color 3C9E9D.

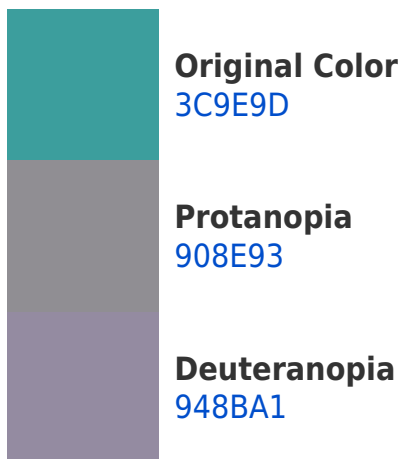


This preview shows how white text looks on a background with the Hex color 3C9E9D.

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](#).

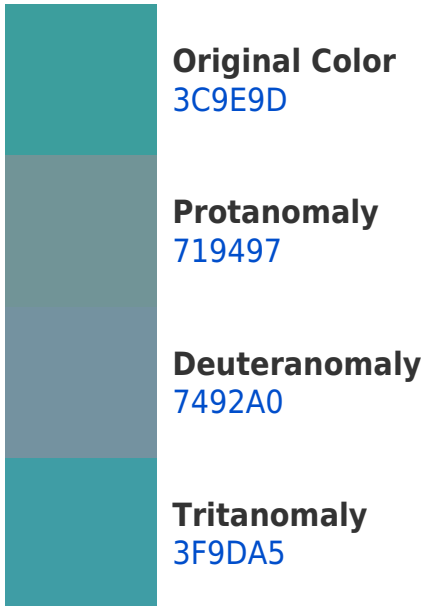
Dichromacy





Tritanopia
419CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C9E9D 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 #3C9E9D looks like.

```
.text, #text, p{  
    color:#3C9E9D  
}
```

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 #3C9E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C9E9D
}
```

Border

The CSS property to change the border of an element to Hex 3C9E9D 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
#3C9E9D }
```

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

```
.border{ border-color:#3C9E9D }
```

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

Here you see how a box with a 4 pixel #3C9E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C9E9D; -webkit-box-shadow:4px 4px  
4px 4px #3C9E9D; box-shadow:4px 4px 4px  
4px #3C9E9D }
```

Background

The CSS property to change the background color of an element to Hex 3C9E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C9E9D }
```

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

```
.background{ background-color:#3C9E9D }
```

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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