

Converting Colors

Hex(397D9B)

Have a look what the booklet for
Hex(397D9B) contains.

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Color

Hex(397D9B)

Conversions

Conversions Part 1

Format	Color
Hex	397D9B
RGB	57, 125, 155
RGB Percent	22%, 49%, 61%
CMY	0.7765, 0.5098, 0.3922
CMYK	0.63, 0.19, 0.00, 0.39
HSL	198°, 46%, 42%
HSV	198°, 63%, 61%
XYZ	14.9374, 17.9036, 33.6788
YIQ	108.0880, -50.1580, -5.0860

Conversions

Conversions Part 2

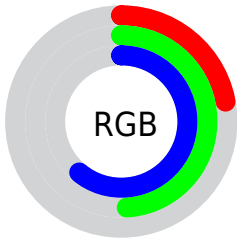
Format	Color
RYB	57, 97, 155
Decimal	3767707
CIELab	49.38, -11.98, -22.54
CIElCh	49, 25.522, 242.002
Yxy	17.9036, 0.2246, 0.2691
Android (android.graphics.Color)	4281957787 (0xFF397D9B)
YUV	108.0880, 23.1276, -44.8042
Hunter-Lab	42.3127, -11.0326, -17.5730

Details

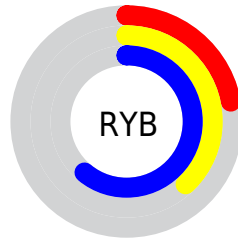
The Hex color **397D9B** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **9B5739**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **72B2D2**, and **004C68** is the 20% darker color. If you saturate the color by 10%, you get **2A789B**, and if you desaturate by 10%, it is **49829B**.

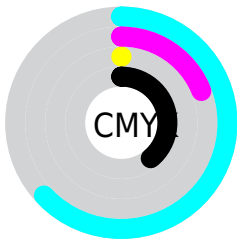
Distribution



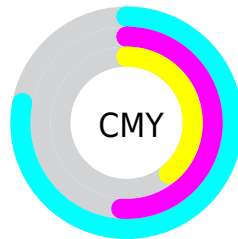
- Red (22%)
- Green (49%)
- Blue (61%)



- Red (22%)
- Yellow (38%)
- Blue (61%)



- Cyan (63%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (78%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 397D9B 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 397D9B by changing the saturation by 10% instead.

■ 397D9B

■ 397D9B

FFFFFF

■ 176481

■ 72B2D2

■ 004C68

■ 8ECDEE

■ 003550

■ AAE9FF

■ 002038

■ C6FFFF

■ 000223

■ E4FFFF

■ 00000A

■ 000000

■ 397D9B

■ 397D9B

■ 2A789B

■ 49829B

■ 1A749B

■ 58869B

■ 0B6F9B

■ 678B9B

■ 006C9B

■ 77909B

■ 87959B

■ 96999B

■ A69E9B

■ B5A39B

■ C4A89B

Harmonies

Analogous

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



29808C



397D9B



5A77A0

Triad

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



397D9B



9F6575



6C7B50

Complementary

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



397D9B



9B5739

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.



83754A



397D9B



9F6760

Square

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



397D9B



92688A



956D50



527F60

Rectangle

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



397D9B



70729D



956D50



74794D

Sweetspot

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



397D9B



A3BEC9



399B56



4F5F66



E6E6E6



666666

Same Dimension

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



397D9B



309BC9



394D9B



454A4D



00618C



00090D

Inverse Universe

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



9B397D



C9309B



9B8739



4D454A



8C0061



0D0009

Previews

White Background



This preview shows how the Hex color 397D9B looks on a white background.

Color Contrast Check

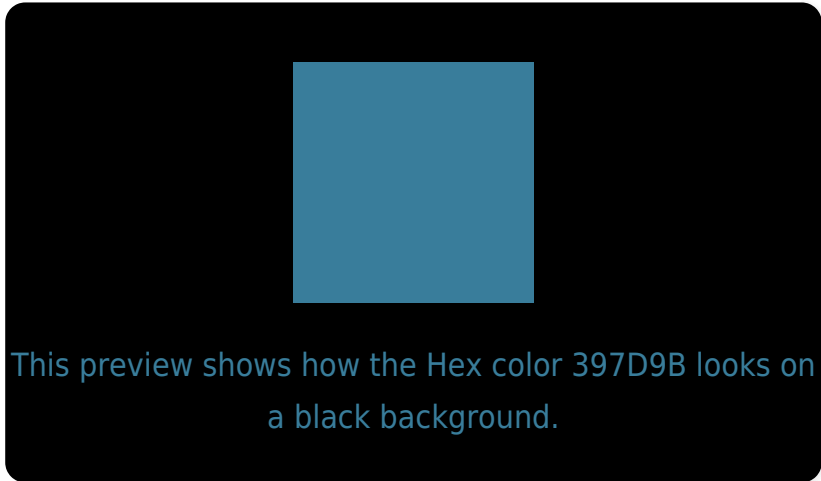
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

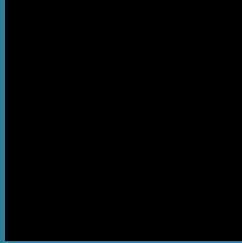
Any Text WCAG AA ✓ Pass

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 397D9B Background



This preview shows how black text looks on a background with the Hex color 397D9B.

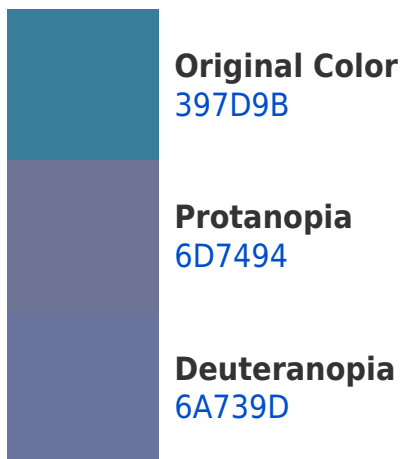


This preview shows how white text looks on a background with the Hex color 397D9B.

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](#).

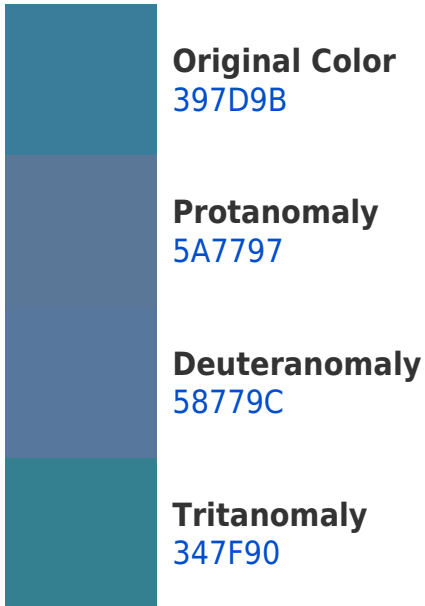
Dichromacy



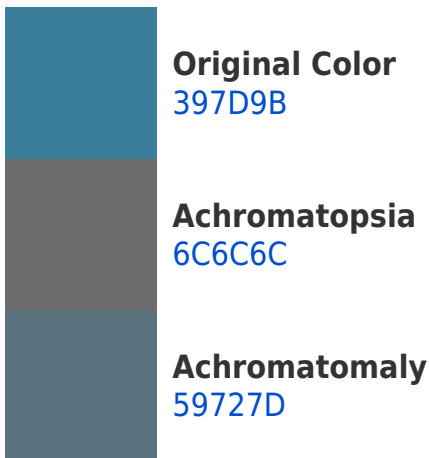


Tritanopia
31808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 397D9B 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 #397D9B looks like.

```
.text, #text, p{  
    color:#397D9B  
}
```

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 #397D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #397D9B
}
```

Border

The CSS property to change the border of an element to Hex 397D9B 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
#397D9B }
```

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

```
.border{ border-color:#397D9B }
```

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

Here you see how a box with a 4 pixel #397D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #397D9B; -webkit-box-shadow:4px 4px  
4px 4px #397D9B; box-shadow:4px 4px 4px  
4px #397D9B }
```

Background

The CSS property to change the background color of an element to Hex 397D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#397D9B }
```

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

```
.background{ background-color:#397D9B }
```

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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