

Converting Colors

Hex(4397B3)

Have a look what the booklet for
Hex(4397B3) contains.

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Color

Hex(4397B3)

Conversions

Conversions Part 1

Format	Color
Hex	4397B3
RGB	67, 151, 179
RGB Percent	26%, 59%, 70%
CMY	0.7373, 0.4078, 0.2980
CMYK	0.63, 0.16, 0.00, 0.30
HSL	195°, 46%, 48%
HSV	195°, 63%, 70%
XYZ	21.5180, 26.5812, 46.6444
YIQ	129.0760, -59.0520, -9.1000

Conversions

Conversions Part 2

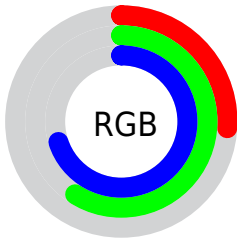
Format	Color
RYB	67, 115, 179
Decimal	4429747
CIELab	58.58, -16.75, -22.17
CIELCh	59, 27.789, 232.935
Yxy	26.5812, 0.2271, 0.2806
Android (android.graphics.Color)	4282619827 (0xFF4397B3)
YUV	129.0760, 24.6125, -54.4407
Hunter-Lab	51.5569, -15.7251, -17.5507

Details

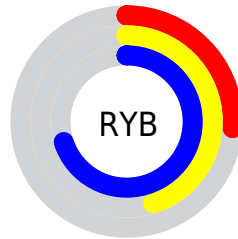
The Hex color **4397B3** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B35F43**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7ECDEB**, and **00647E** is the 20% darker color. If you saturate the color by 10%, you get **3193B3**, and if you desaturate by 10%, it is **559BB3**.

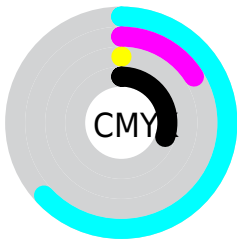
Distribution



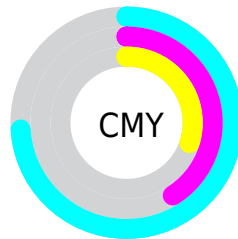
- Red (26%)
- Green (59%)
- Blue (70%)



- Red (26%)
- Yellow (45%)
- Blue (70%)



- Cyan (63%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (74%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4397B3 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 4397B3 by changing the saturation by 10% instead.

■ 4397B3

■ 4397B3

FFFFFF

■ 207D98

■ 7ECDEB

■ 00647E

■ 9AEAFF

■ 004C65

■ B7FFFF

■ 00354D

■ D5FFFF

■ 002036

■ F2FFFF

■ 000221

■ 000006

■ 000000

■ 4397B3

■ 4397B3

■ 3193B3

■ 559BB3

■ 1F8EB3

■ 67A0B3

■ 0D8AB3

■ 79A4B3

■ 0086B3

■ 8BA9B3

■ 9CADB3

■ AEB2B3

■ C0B6B3

■ D2BBB3

■ E4BFB3

Harmonies

Analogous

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



3C9A9F



4397B3



6391BD

Triad

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



4397B3



B97B94



8A915F

Complementary

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



4397B3



B35F43

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.



A3895D



4397B3



BD7C7B

Square

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



4397B3



A680AB



B58167



6E976F

Rectangle

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



4397B3



7C8CBC



B58167



938F5D

Sweetspot

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



4397B3



BCDDE8



43B35F



5A6F75



F5F5F5



757575

Same Dimension

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



4397B3



3ABDE8



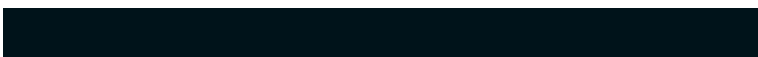
435FB3



505759



007399



00131A

Inverse Universe

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



B34397



E83ABD



B39743



595057



990073



1A0013

Previews

White Background



This preview shows how the Hex color 4397B3 looks on a white background.

Color Contrast Check

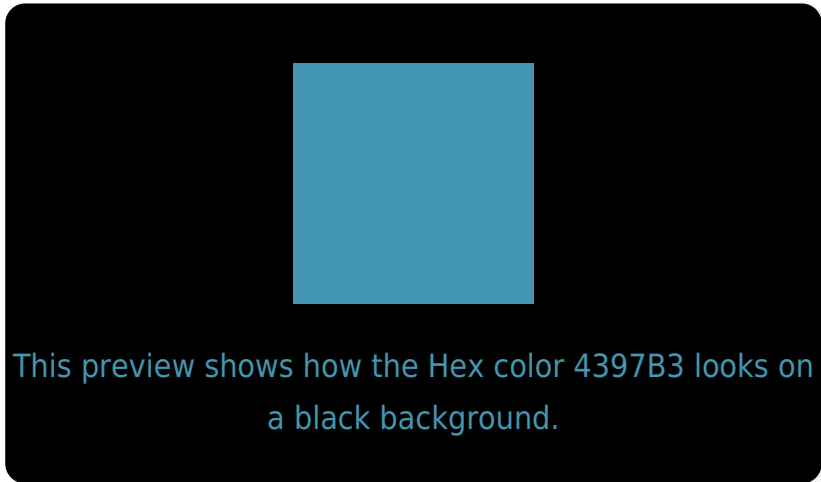
Large Text (above 18pt) WCAG AA ✓ Pass

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

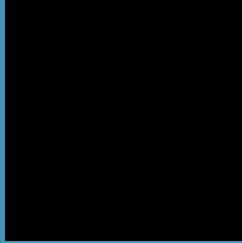
Any Text WCAG AA ✓ Pass

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 4397B3 Background



This preview shows how black text looks on a background with the Hex color 4397B3.

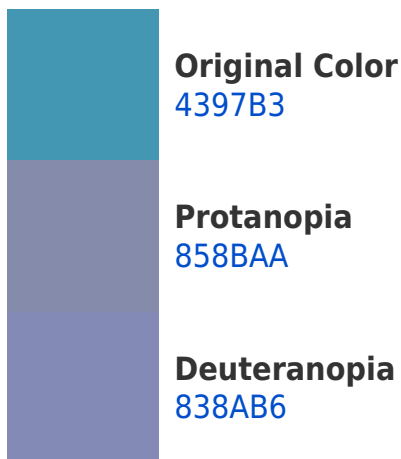


This preview shows how white text looks on a background with the Hex color 4397B3.

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](#).

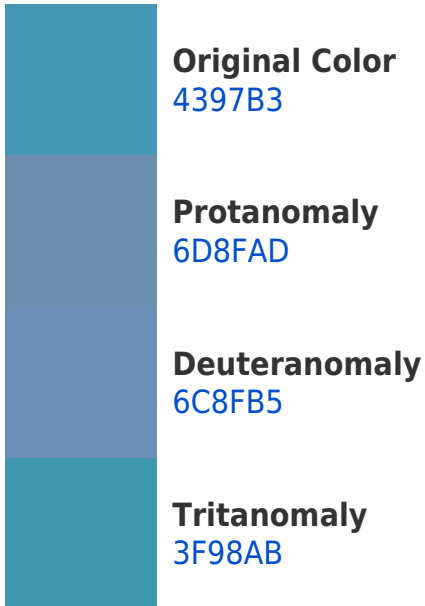
Dichromacy





Tritanopia
3D99A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4397B3 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 #4397B3 looks like.

```
.text, #text, p{  
    color:#4397B3  
}
```

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 #4397B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4397B3
}
```

Border

The CSS property to change the border of an element to Hex 4397B3 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
#4397B3 }
```

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

```
.border{ border-color:#4397B3 }
```

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

Here you see how a box with a 4 pixel #4397B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4397B3; -webkit-box-shadow:4px 4px  
4px 4px #4397B3; box-shadow:4px 4px 4px  
4px #4397B3 }
```

Background

The CSS property to change the background color of an element to Hex 4397B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4397B3 }
```

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

```
.background{ background-color:#4397B3 }
```

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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