

Converting Colors

Hex(3979B1)

Have a look what the booklet for
Hex(3979B1) contains.

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Color

Hex(3979B1)

Conversions

Conversions Part 1	
Format	Color
Hex	3979B1
RGB	57, 121, 177
RGB Percent	22%, 47%, 69%
CMY	0.7765, 0.5255, 0.3059
CMYK	0.68, 0.32, 0.00, 0.31
HSL	208°, 51%, 46%
HSV	208°, 68%, 69%
XYZ	16.4605, 17.7189, 44.1475
YIQ	108.2480, -56.1200, 3.8480

Conversions

Conversions Part 2

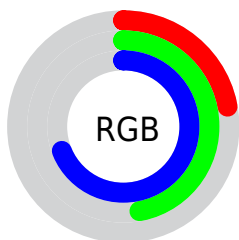
Format	Color
RYB	57, 99, 177
Decimal	3766705
CIELab	49.15, -2.13, -35.70
CIELCh	49, 35.759, 266.581
Yxy	17.7189, 0.2102, 0.2262
Android (android.graphics.Color)	4281956785 (0xFF3979B1)
YUV	108.2480, 33.8947, -44.9445
Hunter-Lab	42.0939, -3.8630, -32.7169

Details

The Hex color **3979B1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B17139**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **75ADE9**, and **00497C** is the 20% darker color. If you saturate the color by 10%, you get **2771B1**, and if you desaturate by 10%, it is **4B81B1**.

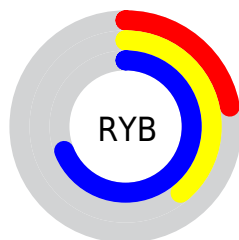
Distribution



Red (22%)

Green (47%)

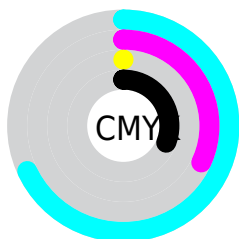
Blue (69%)



Red (22%)

Yellow (39%)

Blue (69%)

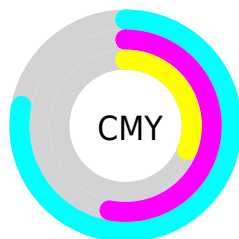


Cyan (68%)

Magenta (32%)

Yellow (0%)

Black (31%)



Cyan (78%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3979B1 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 3979B1 by changing the saturation by 10% instead.

 3979B1

FFFFFF

 75ADE9

 91C8FF

 AEE4FF

 CBFFFF

 E9FFFF

 3979B1

 106096

 00497C

 003363

 001E4B

 000434

 00021E

 000000

 3979B1

 2771B1

 3979B1

 4B81B1

 1668B1

 5C8AB1

 0460B1

 6E92B1

 005EB1

 809AB1

 92A2B1

 A3ABB1

 B5B3B1

 C7BBB1

 D8C3B1

Harmonies

Analogous

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



0080A7



3979B1



726EAB

Triad

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



3979B1



AE5E5B



478152

Complementary

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



3979B1



B17139

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.



6C7B3D



3979B1



A16743

Square

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



3979B1



AB5C7A



8A7237



008470

Rectangle

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



3979B1



8D669F



8A7237



54804A

Sweetspot

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



3979B1



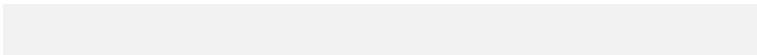
B8D0E6



39B171



576673



F2F2F2



737373

Same Dimension

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



3979B1



2C8FE6



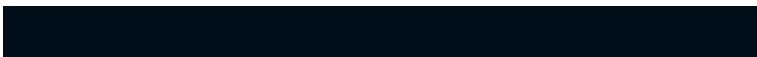
393DB1



505559



005299



000E1A

Inverse Universe

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



B13979



E62C8F



B1AD39



595055



990052



1A000E

Previews

White Background



This preview shows how the Hex color 3979B1 looks on a white background.

Color Contrast Check

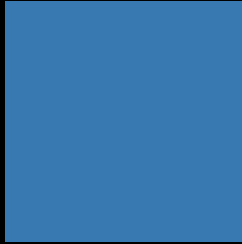
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3979B1 looks on a 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 3979B1 Background



This preview shows how black text looks on a background with the Hex color 3979B1.

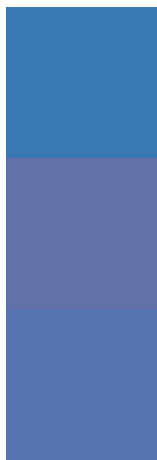


This preview shows how white text looks on a background with the Hex color 3979B1.

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



Original Color
3979B1

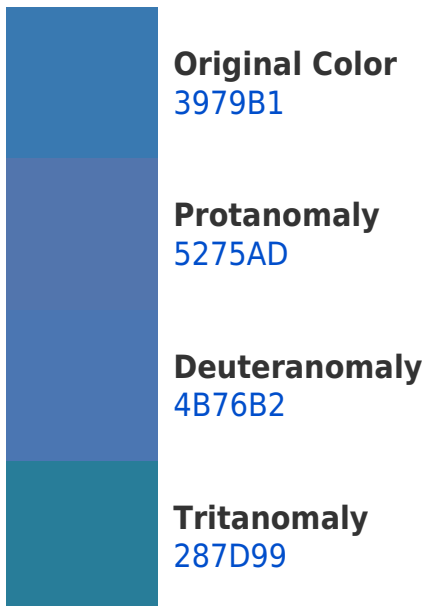
Protanopia
6172AB

Deuteranopia
5574B2

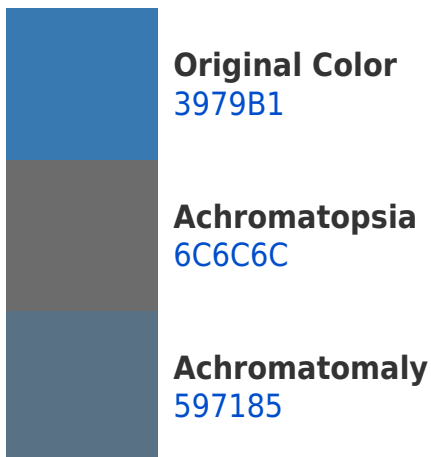


Tritanopia
1F808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3979B1 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 #3979B1 looks like.

```
.text, #text, p{  
    color:#3979B1  
}
```

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 #3979B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3979B1
}
```

Border

The CSS property to change the border of an element to Hex 3979B1 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
#3979B1 }
```

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

```
.border{ border-color:#3979B1 }
```

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

Here you see how a box with a 4 pixel #3979B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3979B1; -webkit-box-shadow:4px 4px  
4px 4px #3979B1; box-shadow:4px 4px 4px  
4px #3979B1 }
```

Background

The CSS property to change the background color of an element to Hex 3979B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3979B1 }
```

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

```
.background{ background-color:#3979B1 }
```

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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