

Converting Colors

Hex(7199B5)

Have a look what the booklet for
Hex(7199B5) contains.

Hex(7199B5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7199B5)

Conversions

Conversions Part 1

Format	Color
Hex	7199B5
RGB	113, 153, 181
RGB Percent	44%, 60%, 71%
CMY	0.5569, 0.4000, 0.2902
CMYK	0.38, 0.15, 0.00, 0.29
HSL	205°, 31%, 58%
HSV	205°, 38%, 71%
XYZ	26.5418, 29.6294, 48.0362
YIQ	144.2320, -32.8280, 0.2280

Conversions

Conversions Part 2

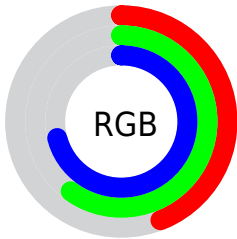
Format	Color
RYB	113, 138, 181
Decimal	7444917
CIELab	61.33, -6.52, -18.92
CIELCh	61, 20.012, 250.990
Yxy	29.6294, 0.2547, 0.2843
Android (android.graphics.Color)	4285634997 (0xFF7199B5)
YUV	144.2320, 18.1266, -27.3905
Hunter-Lab	54.4329, -8.2199, -14.2195

Details

The Hex color **7199B5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B58D71**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A7CFED**, and **3D6680** is the 20% darker color. If you saturate the color by 10%, you get **5F92B5**, and if you desaturate by 10%, it is **83A0B5**.

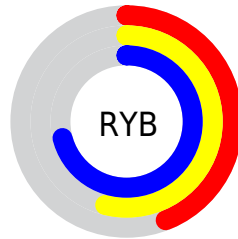
Distribution



Red (44%)

Green (60%)

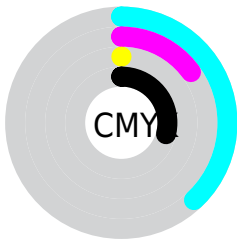
Blue (71%)



Red (44%)

Yellow (54%)

Blue (71%)

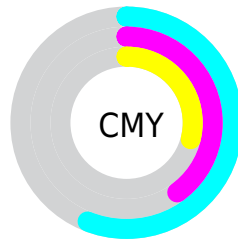


Cyan (38%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (56%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7199B5 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 7199B5 by changing the saturation by 10% instead.

■ 7199B5

■ 7199B5

FFFFFF

■ 577F9A

■ A7CFED

■ 3D6680

■ C3ECFF

■ 234E67

■ DFFFFF

■ 01374F

■ FCFFFF

■ 002238

■ 000B23

■ 00000A

■ 000000

■ 7199B5

■ 7199B5

■ 5F92B5

■ 83A0B5

■ 4D8AB5

■ 95A8B5

■ 3B83B5

■ A7AFB5

■ 297BB5

■ B9B7B5

■ 1774B5

■ CCBEB5

■ 046CB5

■ DEC6B5

■ 006AB5

■ F0CDB5

■ FFD5B5

■ FFDCB5

Harmonies

Analogous

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



639DAB



7199B5



8893B7

Triad

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



7199B5



B8878E



879A79

Complementary

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



7199B5



B58D71

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.



9B9571



7199B5



B68A7E

Square

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



7199B5



B089A0



AC8F73



739D88

Rectangle

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



7199B5



988FB2



AC8F73



8E9975

Sweetspot

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



7199B5



D1E0EB



71B58C



666F75



F5F5F5



757575

Same Dimension

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



7199B5



81BFEB



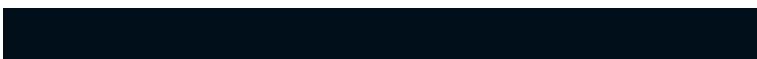
7178B5



505659



005A99



000F1A

Inverse Universe

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



B57199



EB81BF



B5AE71



595056



99005A



1A000F

Previews

White Background



This preview shows how the Hex color 7199B5 looks on a white background.

Color Contrast Check

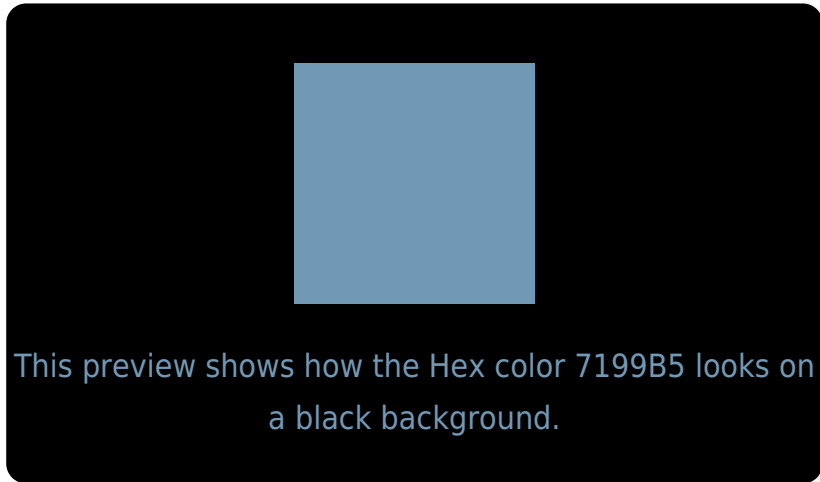
Large Text (above 18pt) WCAG AA ✓ Pass

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

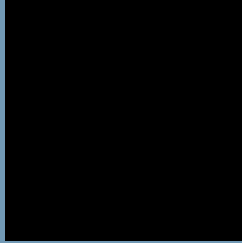
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

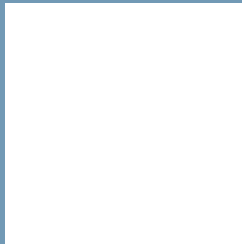
Any Text WCAG AAA × Fail

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

Hex 7199B5 Background



This preview shows how black text looks on a background with the Hex color 7199B5.

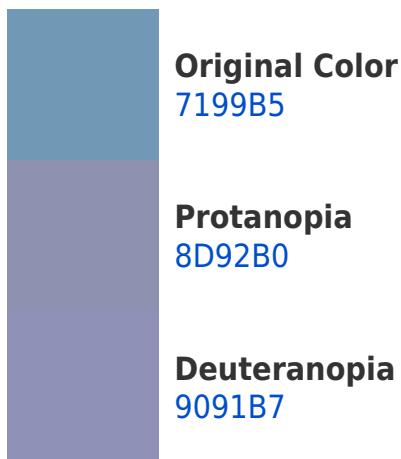



This preview shows how white text looks on a background with the Hex color 7199B5.

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](#).

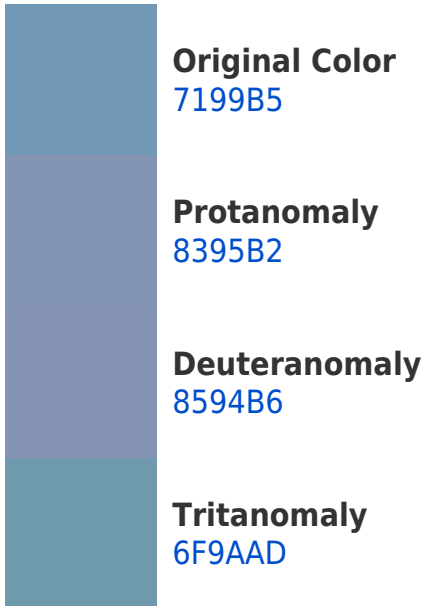
Dichromacy



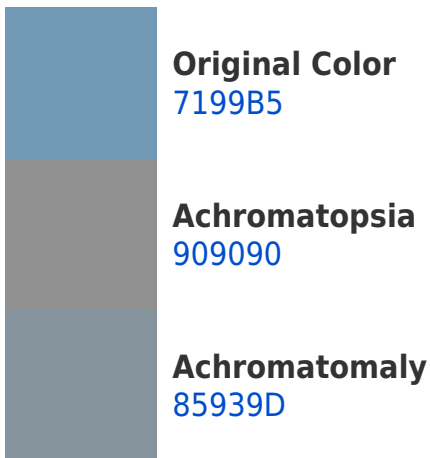


Tritanopia
6E9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7199B5 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 #7199B5 looks like.

```
.text, #text, p{  
    color:#7199B5  
}
```

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 #7199B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7199B5
}
```

Border

The CSS property to change the border of an element to Hex 7199B5 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
#7199B5 }
```

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

```
.border{ border-color:#7199B5 }
```

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

Here you see how a box with a 4 pixel #7199B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7199B5; -webkit-box-shadow:4px 4px  
4px 4px #7199B5; box-shadow:4px 4px 4px  
4px #7199B5 }
```

Background

The CSS property to change the background color of an element to Hex 7199B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7199B5 }
```

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

```
.background{ background-color:#7199B5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor