

# Converting Colors

Hex(7195AB)

Have a look what the booklet for  
Hex(7195AB) contains.

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# Color

**Hex(7195AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7195AB
RGB	113, 149, 171
RGB Percent	44%, 58%, 67%
CMY	0.5569, 0.4157, 0.3294
CMYK	0.34, 0.13, 0.00, 0.33
HSL	203°, 26%, 56%
HSV	203°, 34%, 67%
XYZ	24.9082, 27.9459, 42.6094
YIQ	140.7440, -28.5180, -0.7900

# Conversions

## Conversions Part 2

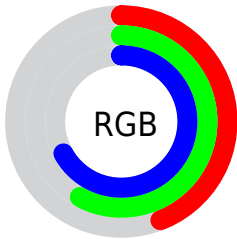
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 135, 171
Decimal	7443883
CIELab	59.84, -6.93, -15.53
CIELCh	60, 17.006, 245.955
Yxy	27.9459, 0.2609, 0.2927
Android (android.graphics.Color)	4285633963 (0xFF7195AB)
YUV	140.7440, 14.9162, -24.3315
Hunter-Lab	52.8639, -8.4068, -10.7843

# Details

The Hex color **7195AB** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AB8771**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A6CBE2**, and **3E6277** is the 20% darker color. If you saturate the color by 10%, you get **608FAB**, and if you desaturate by 10%, it is **829BAB**.

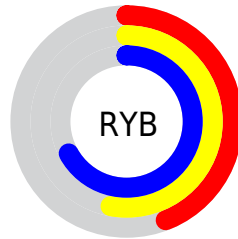
# Distribution



Red (44%)

Green (58%)

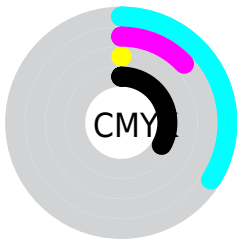
Blue (67%)



Red (44%)

Yellow (53%)

Blue (67%)

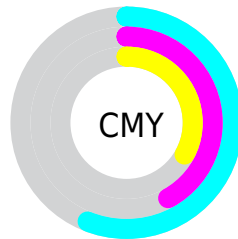


Cyan (34%)

Magenta (13%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (42%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7195AB 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 7195AB by changing the saturation by 10% instead.



7195AB

7195AB

FFFFFF

577B90

A6CBE2

3E6277

C2E7FF

254B5E

DEFFFF

083446

FBFFFF

001F30

00011C

000000

7195AB

7195AB

608FAB

829BAB

■ 4F88AB

■ 93A2AB

■ 3E82AB

■ A4A8AB

■ 2D7BAB

■ B5AFAB

■ 1B75AB

■ C6B5AB

■ 0A6EAB

■ D8BCAB

■ 006AAB

■ E9C2AB

■ FAC9AB

■ FFCFAB

# Harmonies

## Analogous

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



6898A1



7195AB



8390AE

# Triad

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



7195AB



AF868E



889578

# Complementary

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



7195AB



AB8771

# 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.



999072



7195AB



AE877F

# Square

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



7195AB



A6879D



A68B75



779884

# Rectangle

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



7195AB



908DAB



A68B75



8E9375



# Sweetspot

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



7195AB



C8D5DE



71AB86



636B70



F0F0F0



707070



# Same Dimension

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



7195AB



83BBDE



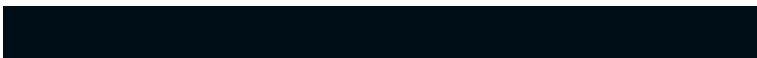
7179AB



4E5357



005D96



000E17



# Inverse Universe

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



AB7195



DE83BB



ABA371



574E53



96005D



17000E



# Previews

## White Background



This preview shows how the Hex color 7195AB looks on a white background.

## Color Contrast Check

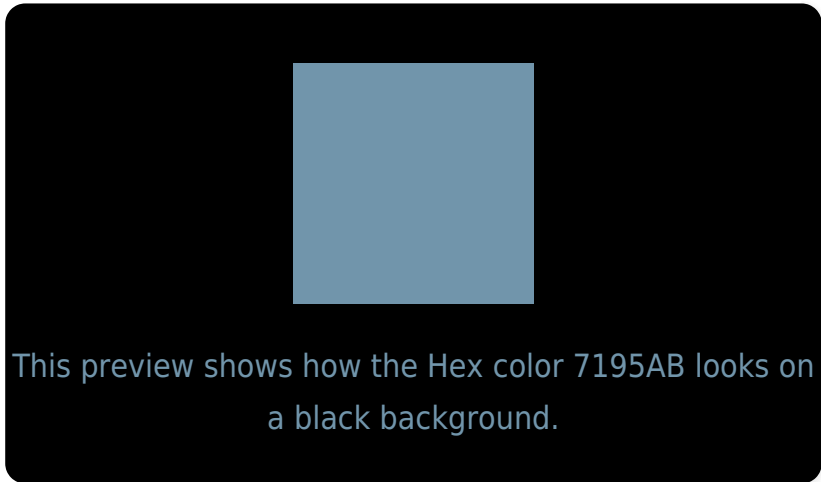
Large Text (above 18pt) WCAG AA ✓ Pass

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

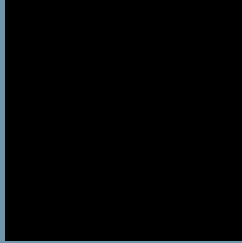
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

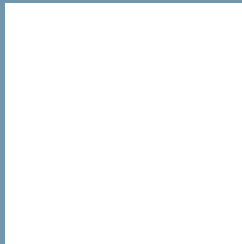
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7195AB Background



This preview shows how black text looks on a background with the Hex color 7195AB.

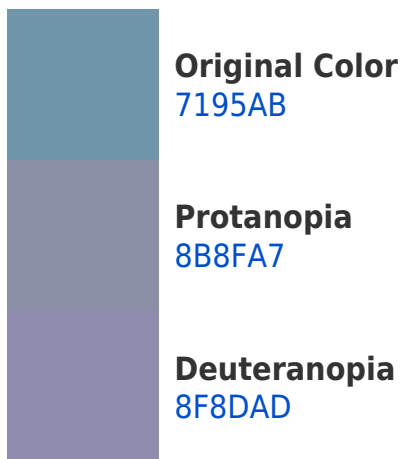


This preview shows how white text looks on a background with the Hex color 7195AB.

# 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](#).

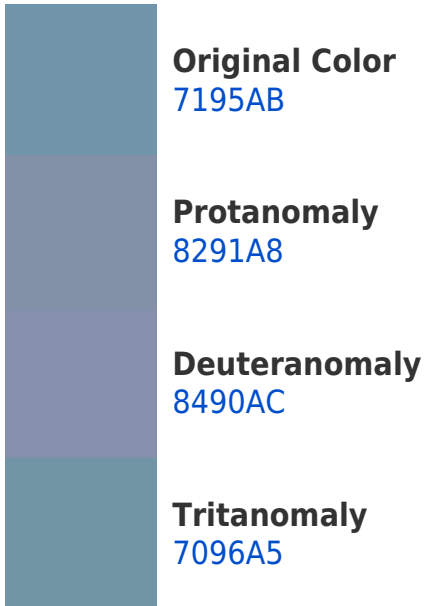
## Dichromacy



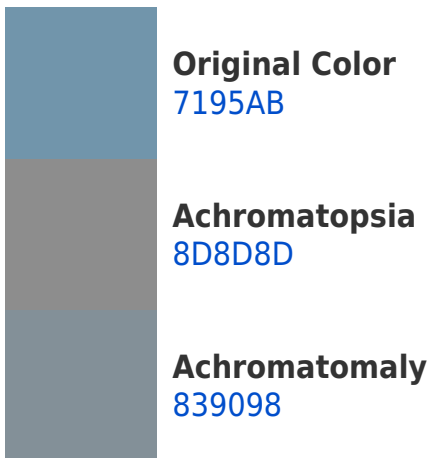


**Tritanopia**  
6F96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7195AB 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 #7195AB looks like.

```
.text, #text, p{  
    color:#7195AB  
}
```

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 #7195AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7195AB
}
```

## Border

The CSS property to change the border of an element to Hex 7195AB 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
#7195AB }
```

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

```
.border{ border-color:#7195AB }
```

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

Here you see how a box with a 4 pixel #7195AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7195AB; -webkit-box-shadow:4px 4px  
4px 4px #7195AB; box-shadow:4px 4px 4px  
4px #7195AB }
```

# Background

The CSS property to change the background color of an element to Hex 7195AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7195AB }
```

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

```
.background{ background-color:#7195AB }
```

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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