

# Converting Colors

Hex(7290AB)

Have a look what the booklet for  
Hex(7290AB) contains.

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**Color**

**Hex(7290AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7290AB
RGB	114, 144, 171
RGB Percent	45%, 56%, 67%
CMY	0.5529, 0.4353, 0.3294
CMYK	0.33, 0.16, 0.00, 0.33
HSL	208°, 25%, 56%
HSV	208°, 33%, 67%
XYZ	24.2634, 26.4642, 42.3574
YIQ	138.1080, -26.5470, 2.0370

# Conversions

## Conversions Part 2

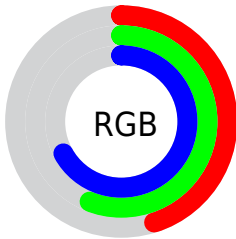
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 134, 171
Decimal	7508139
CIELab	58.48, -3.83, -17.59
CIELCh	58, 18.007, 257.714
Yxy	26.4642, 0.2607, 0.2843
Android (android.graphics.Color)	4285698219 (0xFF7290AB)
YUV	138.1080, 16.2158, -21.1427
Hunter-Lab	51.4434, -5.8360, -12.8078

# Details

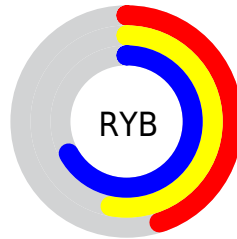
The Hex color **7290AB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AB8D72**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A7C6E2**, and **3F5E77** is the 20% darker color. If you saturate the color by 10%, you get **6188AB**, and if you desaturate by 10%, it is **8398AB**.

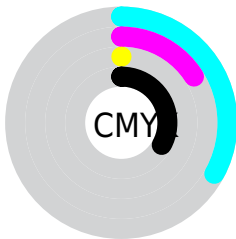
# Distribution



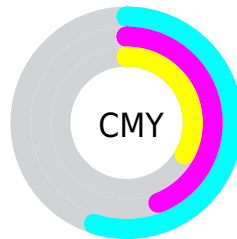
- Red (45%)
- Green (56%)
- Blue (67%)



- Red (45%)
- Yellow (53%)
- Blue (67%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (55%)
- Magenta (44%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7290AB 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 7290AB by changing the saturation by 10% instead.



■ 7290AB

■ 7290AB

FFFFFF

■ 587690

■ A7C6E2

■ 3F5E77

■ C3E2FF

■ 27465E

■ DFFEFF

■ 0B3046

■ FCFFFF

■ 001B30

■ 00011B

■ 000000

■ 7290AB

■ 7290AB

■ 6188AB

■ 8398AB

■ 5080AB

■ 94A0AB

■ 3F78AB

■ A5A8AB

■ 2E70AB

■ B6B0AB

■ 1D67AB

■ C7B8AB

■ 0B5FAB

■ D9C1AB

■ 005AAB

■ EAC9AB

■ FBD1AB

■ FFD9AB

# Harmonies

## Analogous

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



6494A3



7290AB



878BAA

# Triad

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



7290AB



AD8284



7D9377

# Complementary

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



7290AB



AB8D72

# 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.



8F8F6E



7290AB



AA8576

# Square

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



7290AB



A88294



9F896E



6C9585

# Rectangle

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



7290AB



9487A6



9F896E



839273



# Sweetspot

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



7290AB



C8D3DE



72AB8D



636A70



F0F0F0



707070



# Same Dimension

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



7290AB



85B4DE



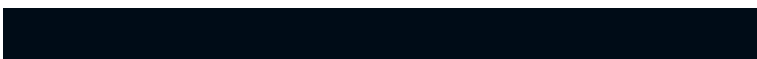
7274AB



4E5357



004F96



000C17



# Inverse Universe

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



AB7290



DE85B4



ABA972



574E53



96004F

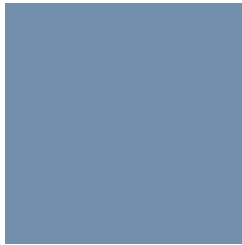


17000C



# Previews

## White Background



This preview shows how the Hex color 7290AB looks on a white background.

## Color Contrast Check

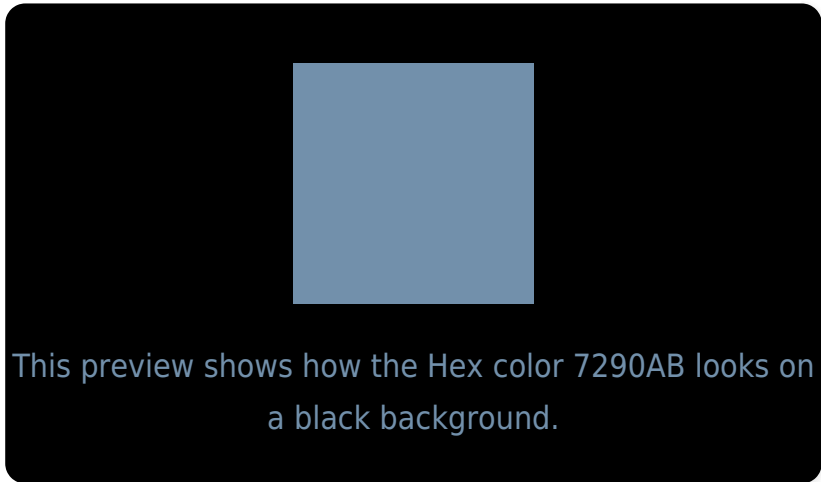
Large Text (above 18pt) WCAG AA ✓ Pass

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

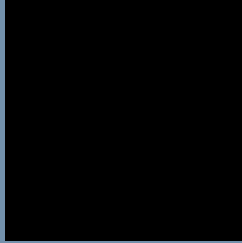
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

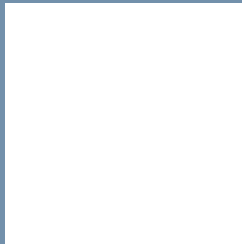
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7290AB Background



This preview shows how black text looks on a background with the Hex color 7290AB.

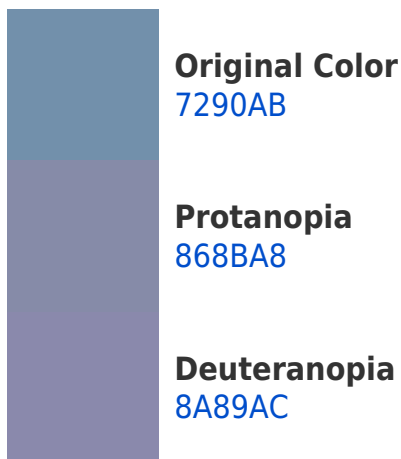


This preview shows how white text looks on a background with the Hex color 7290AB.

# 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](#).

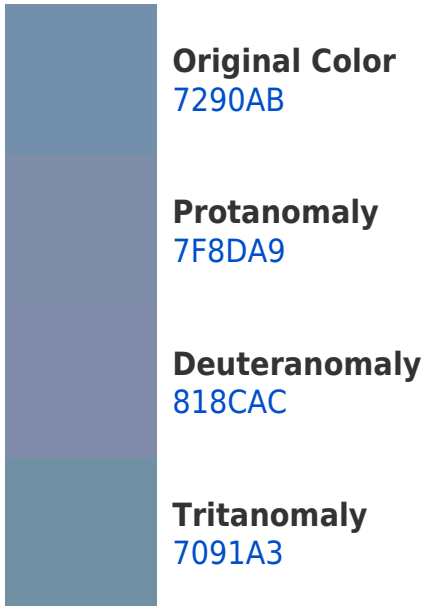
## Dichromacy



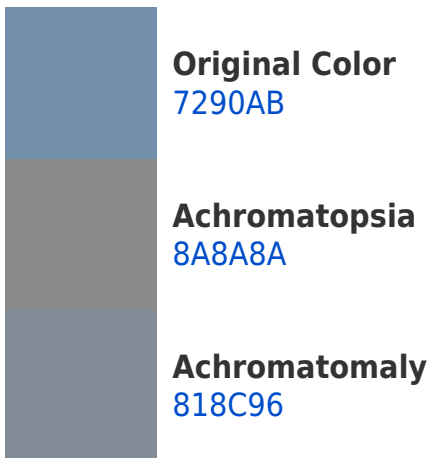


**Tritanopia**  
6F929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7290AB 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 #7290AB looks like.

```
.text, #text, p{  
    color:#7290AB  
}
```

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 #7290AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7290AB
}
```

## Border

The CSS property to change the border of an element to Hex 7290AB 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
#7290AB }
```

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

```
.border{ border-color:#7290AB }
```

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

Here you see how a box with a 4 pixel #7290AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7290AB; -webkit-box-shadow:4px 4px  
4px 4px #7290AB; box-shadow:4px 4px 4px  
4px #7290AB }
```

# Background

The CSS property to change the background color of an element to Hex 7290AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7290AB }
```

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

```
.background{ background-color:#7290AB }
```

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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