

# Converting Colors

Hex(7290A8)

Have a look what the booklet for  
Hex(7290A8) contains.

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# Color

Hex(7290A8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7290A8
RGB	114, 144, 168
RGB Percent	45%, 56%, 66%
CMY	0.5529, 0.4353, 0.3412
CMYK	0.32, 0.14, 0.00, 0.34
HSL	207°, 24%, 55%
HSV	207°, 32%, 66%
XYZ	23.9806, 26.3511, 40.8681
YIQ	137.7660, -25.5840, 1.1040

# Conversions

## Conversions Part 2

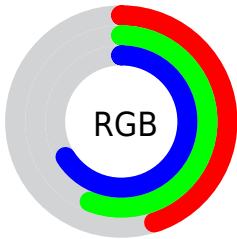
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 133, 168
Decimal	7508136
CIELab	58.37, -4.61, -16.05
CIELCh	58, 16.696, 253.968
Yxy	26.3511, 0.2629, 0.2889
Android (android.graphics.Color)	4285698216 (0xFF7290A8)
YUV	137.7660, 14.9054, -20.8428
Hunter-Lab	51.3333, -6.4462, -11.2694

# Details

The Hex color **7290A8** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A88A72**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A7C6DF**, and **405E74** is the 20% darker color. If you saturate the color by 10%, you get **6189A8**, and if you desaturate by 10%, it is **8397A8**.

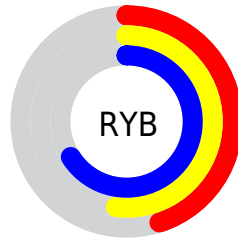
# Distribution



Red (45%)

Green (56%)

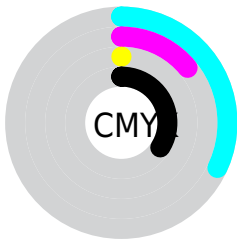
Blue (66%)



Red (45%)

Yellow (52%)

Blue (66%)

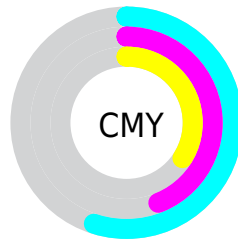


Cyan (32%)

Magenta (14%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (44%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7290A8 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 7290A8 by changing the saturation by 10% instead.



■ 7290A8

■ 7290A8

FFFFFF

■ 58768E

■ A7C6DF

■ 405E74

■ C3E2FC

■ 27465B

■ DFFEFF

■ 0D3044

■ FCFFFF

■ 001B2D

■ 000119

■ 000000

■ 7290A8

■ 7290A8

■ 6189A8

■ 8397A8

■ 5081A8

■ 949FA8

■ 407AA8

■ A4A6A8

■ 2F72A8

■ B5AEA8

■ 1E6BA8

■ C6B5A8

■ 0D63A8

■ D7BDA8

■ 005DA8

■ E8C4A8

■ F8CCA8

■ FFD3A8

# Harmonies

## Analogous

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



6693A0



7290A8



858BA8

# Triad

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



7290A8



AB8286



809277

# Complementary

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



7290A8



A88A72

# 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.



908E70



7290A8



A88479

# Square

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



7290A8



A58395



9F8971



709484

# Rectangle

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



7290A8



9188A5



9F8971



859074



# Sweetspot

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



7290A8



C5D2DB



72A889



60686E



EDEDED



6E6E6E



# Same Dimension

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



7290A8



86B5DB



7276A8



4C5054



005294



000B14



# Inverse Universe

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



A87290



DB86B5



A8A472



544C50



940052



14000B



# Previews

## White Background



This preview shows how the Hex color 7290A8 looks on a white background.

## Color Contrast Check

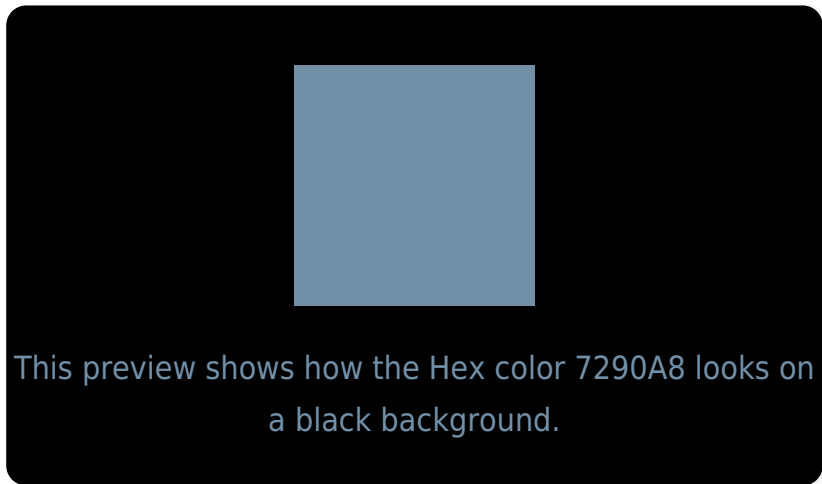
Large Text (above 18pt) WCAG AA ✓ Pass

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

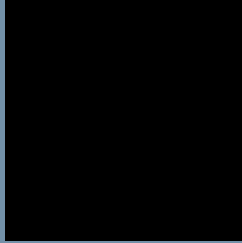
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

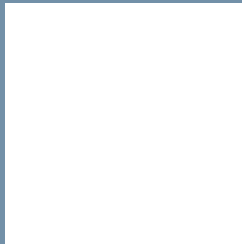
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7290A8 Background



This preview shows how black text looks on a background with the Hex color 7290A8.

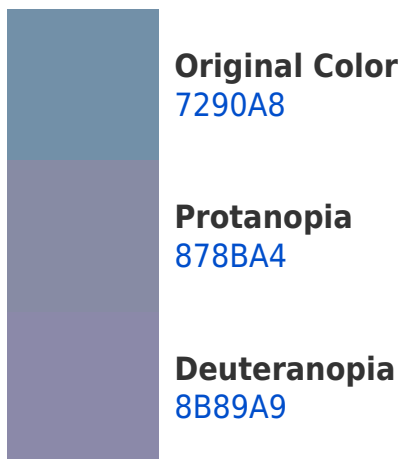



This preview shows how white text looks on a background with the Hex color 7290A8.

# 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](#).

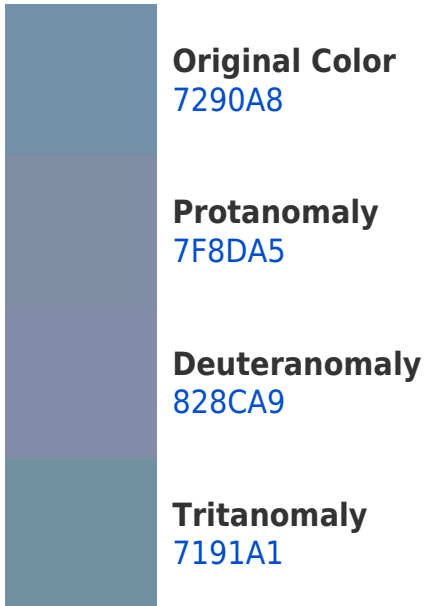
## Dichromacy



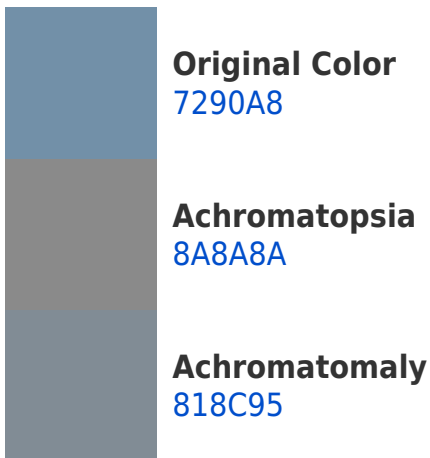


**Tritanopia**  
70929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7290A8 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 #7290A8 looks like.

```
.text, #text, p{  
    color:#7290A8  
}
```

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 #7290A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7290A8
}
```

## Border

The CSS property to change the border of an element to Hex 7290A8 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
#7290A8 }
```

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

```
.border{ border-color:#7290A8 }
```

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

Here you see how a box with a 4 pixel #7290A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7290A8; -webkit-box-shadow:4px 4px  
4px 4px #7290A8; box-shadow:4px 4px 4px  
4px #7290A8 }
```

# Background

The CSS property to change the background color of an element to Hex 7290A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7290A8 }
```

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

```
.background{ background-color:#7290A8 }
```

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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