

# Converting Colors

Hex(7291BA)

Have a look what the booklet for  
Hex(7291BA) contains.

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# **Color**

**Hex(7291BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7291BA
RGB	114, 145, 186
RGB Percent	45%, 57%, 73%
CMY	0.5529, 0.4314, 0.2706
CMYK	0.39, 0.22, 0.00, 0.27
HSL	214°, 34%, 59%
HSV	214°, 39%, 73%
XYZ	25.9278, 27.3734, 50.3714
YIQ	140.4050, -31.6370, 6.1790

# Conversions

## Conversions Part 2

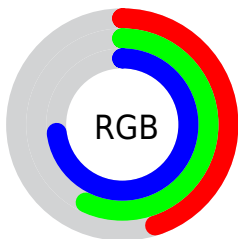
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 136, 186
Decimal	7508410
CIELab	59.32, -0.37, -24.82
CIELCh	59, 24.825, 269.137
Yxy	27.3734, 0.2501, 0.2640
Android (android.graphics.Color)	4285698490 (0xFF7291BA)
YUV	140.4050, 22.4783, -23.1572
Hunter-Lab	52.3196, -3.1009, -20.4586

# Details

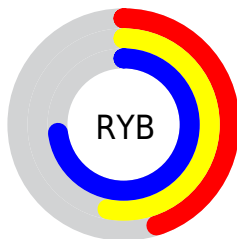
The Hex color **7291BA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BA9B72**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A8C7F2**, and **3E5F85** is the 20% darker color. If you saturate the color by 10%, you get **5F86BA**, and if you desaturate by 10%, it is **859CBA**.

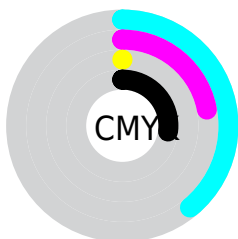
# Distribution



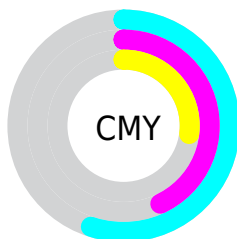
- Red (45%)
- Green (57%)
- Blue (73%)



- Red (45%)
- Yellow (53%)
- Blue (73%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (27%)



- Cyan (55%)
- Magenta (43%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7291BA 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 7291BA by changing the saturation by 10% instead.



■ 7291BA

■ 7291BA

FFFFFF

■ 58779F

■ A8C7F2

■ 3E5F85

■ C4E3FF

■ 23476B

■ E1FFFF

■ 013153

FEFFFF

■ 001C3C

■ 000326

■ 00010F

■ 000000

■ 7291BA

■ 7291BA

■ 5F86BA

■ 859CBA

■ 4D7CBA

■ 97A6BA

■ 3A71BA

■ AAB1BA

■ 2867BA

■ BCBBA

■ 155CBA

■ CFC6BA

■ 0251BA

■ E2D1BA

■ 0050BA

■ F4DBBA

■ FFE6BA

■ FFF0BA

# Harmonies

## Analogous

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



5697B4



7291BA



9189B5

# Triad

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



7291BA



BA807B



6F9978

# Complementary

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



7291BA



BA9B72

# 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.



889468



7291BA



B1866A

# Square

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



7291BA



B87F90



9F8D63



579B8D

# Rectangle

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



7291BA



A385AC



9F8D63



779772



# Sweetspot

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



7291BA



D5E2F2



72BA9B



69717A



FAFAFA



7A7A7A

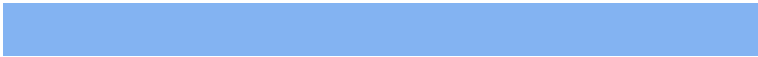


# Same Dimension

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



7291BA



83B3F2



7772BA



53575C



00439C



000C1C



# Inverse Universe

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



BA7291



F283B3



B5BA72



5C5357



9C0043

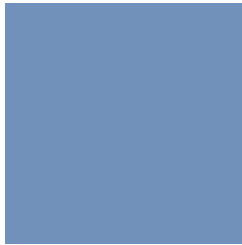


1C000C



# Previews

## White Background



This preview shows how the Hex color 7291BA looks on a white background.

## Color Contrast Check

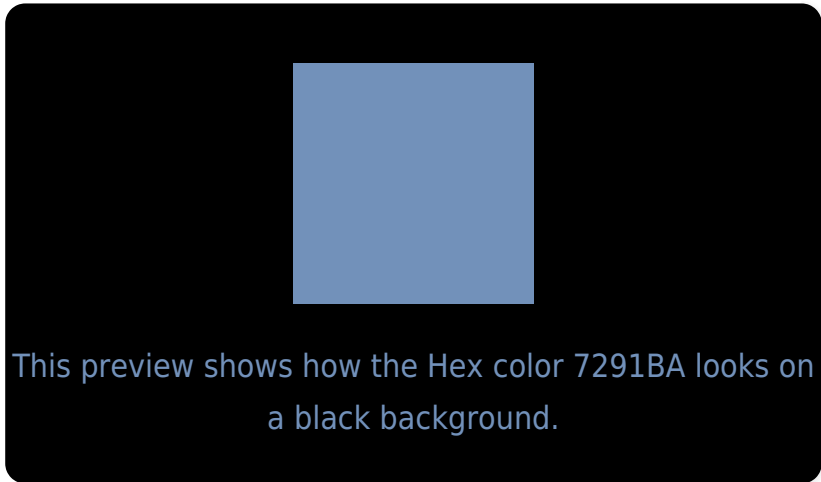
Large Text (above 18pt) WCAG AA ✓ Pass

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

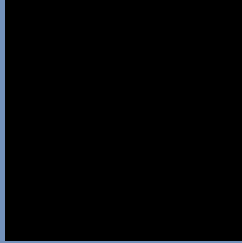
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

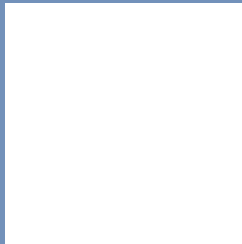
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7291BA Background



This preview shows how black text looks on a background with the Hex color 7291BA.



This preview shows how white text looks on a background with the Hex color 7291BA.

# 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**  
7291BA

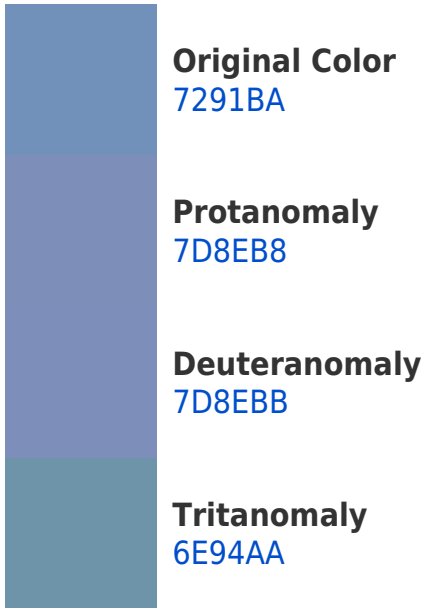
**Protanopia**  
848DB7

**Deuteranopia**  
848CBB

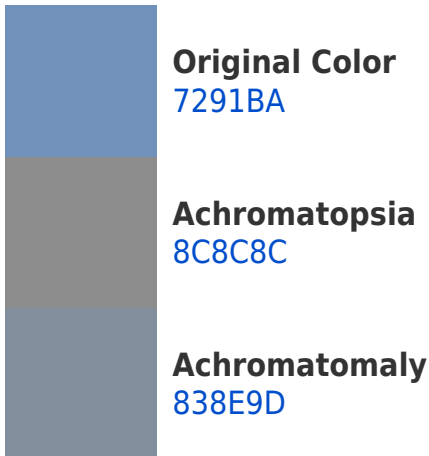


**Tritanopia**  
6C95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7291BA 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 #7291BA looks like.

```
.text, #text, p{  
    color:#7291BA  
}
```

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 #7291BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7291BA
}
```

## Border

The CSS property to change the border of an element to Hex 7291BA 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
#7291BA }
```

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

```
.border{ border-color:#7291BA }
```

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

Here you see how a box with a 4 pixel #7291BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7291BA; -webkit-box-shadow:4px 4px  
4px 4px #7291BA; box-shadow:4px 4px 4px  
4px #7291BA }
```

# Background

The CSS property to change the background color of an element to Hex 7291BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7291BA }
```

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

```
.background{ background-color:#7291BA }
```

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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