

Converting Colors

Hex(7291C8)

Have a look what the booklet for
Hex(7291C8) contains.

Hex(7291C8)	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(7291C8)

Conversions

Conversions Part 1	
Format	Color
Hex	7291C8
RGB	114, 145, 200
RGB Percent	45%, 57%, 78%
CMY	0.5529, 0.4314, 0.2157
CMYK	0.43, 0.28, 0.00, 0.22
HSL	218°, 44%, 62%
HSV	218°, 43%, 78%
XYZ	27.4902, 27.9983, 58.5989
YIQ	142.0010, -36.1310, 10.5330

Conversions

Conversions Part 2

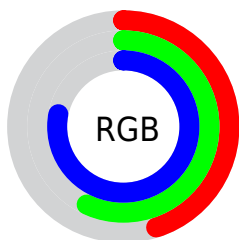
Format	Color
RYB	114, 137, 200
Decimal	7508424
CIELab	59.89, 3.56, -31.84
CIELCh	60, 32.041, 276.381
Yxy	27.9983, 0.2410, 0.2454
Android (android.graphics.Color)	4285698504 (0xFF7291C8)
YUV	142.0010, 28.5935, -24.5569
Hunter-Lab	52.9135, 0.1377, -28.6212

Details

The Hex color **7291C8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C8A972**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A9C7FF**, and **3C5F92** is the 20% darker color. If you saturate the color by 10%, you get **5E84C8**, and if you desaturate by 10%, it is **869EC8**.

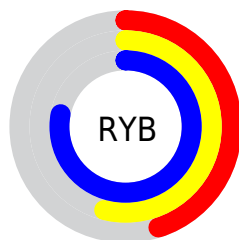
Distribution



Red (45%)

Green (57%)

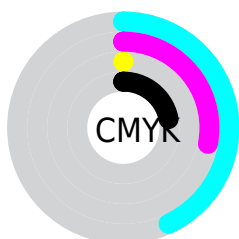
Blue (78%)



Red (45%)

Yellow (54%)

Blue (78%)

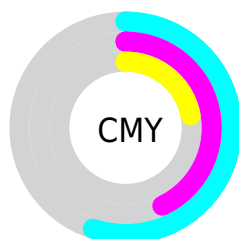


Cyan (43%)

Magenta (28%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (43%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7291C8 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 7291C8 by changing the saturation by 10% instead.

 7291C8

 7291C8

FFFFFF

 5777AD

 A9C7FF

 3C5F92

 C5E3FF

 1E4778

 E2FFFF

 00315F

 001D47

 000130

 00011B

 000000

 7291C8

 7291C8

 5E84C8 869EC8 4A77C8 9AABC8 366BC8 AEB7C8 225EC8 C2C4C8 0E51C8 D6D1C8 0048C8 EADEC8 FEEBC8 FFF7C8 FFFFC8

Harmonies

Analogous

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



4399C3



7291C8



9C87BE

Triad

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



7291C8



C57E70



5D9E79

Complementary

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



7291C8



C8A972

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.



7F9962



7291C8



B6875D

Square

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



7291C8



C77A8B



9D9158



38A096

Rectangle

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



7291C8



B180B0



9D9158



689C70

Sweetspot

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



7291C8



DEEAFB



72C8A8



6B7280



000000



808080

Same Dimension

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



7291C8



7AAAFF



7D72C8



5A5D63



003BA3



000D24

Inverse Universe

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



C87291



FF7AAA



BDC872



635A5D



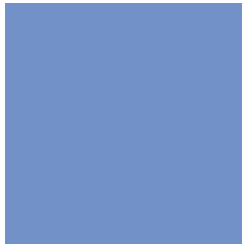
A3003B



24000D

Previews

White Background



This preview shows how the Hex color 7291C8 looks on a white background.

Color Contrast Check

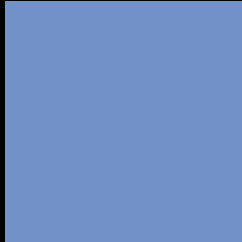
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 7291C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

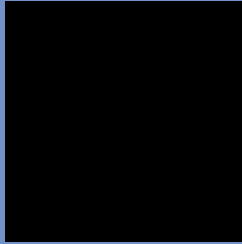
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

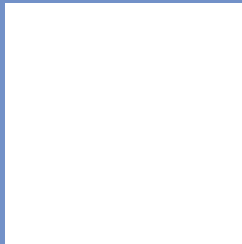
Any Text WCAG AAA × Fail

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

Hex 7291C8 Background



This preview shows how black text looks on a background with the Hex color 7291C8.



This preview shows how white text looks on a background with the Hex color 7291C8.

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](#).

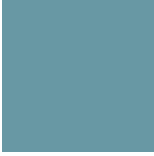
Dichromacy



Original Color
7291C8

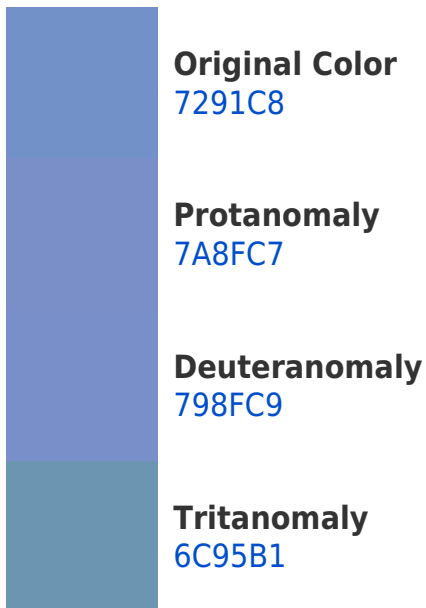
Protanopia
7F8EC6

Deuteranopia
7D8EC9

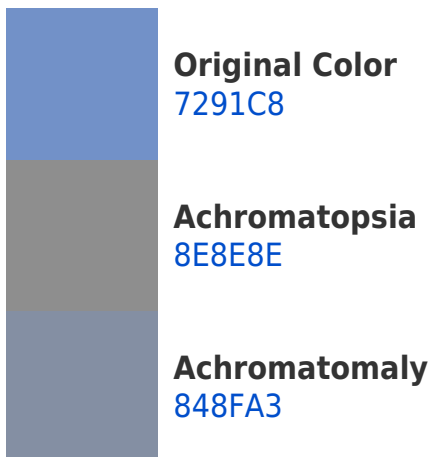


Tritanopia
6898A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7291C8 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 #7291C8 looks like.

```
.text, #text, p{  
    color:#7291C8  
}
```

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 #7291C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7291C8
}
```

Border

The CSS property to change the border of an element to Hex 7291C8 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
#7291C8 }
```

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

```
.border{ border-color:#7291C8 }
```

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

Here you see how a box with a 4 pixel #7291C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7291C8; -webkit-box-shadow:4px 4px  
4px 4px #7291C8; box-shadow:4px 4px 4px  
4px #7291C8 }
```

Background

The CSS property to change the background color of an element to Hex 7291C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7291C8 }
```

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

```
.background{ background-color:#7291C8 }
```

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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