

Converting Colors

Hex(7912C2)

Have a look what the booklet for
Hex(7912C2) contains.

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Color

Hex(7912C2)

Conversions

Conversions Part 1

Format	Color
Hex	7912C2
RGB	121, 18, 194
RGB Percent	47%, 7%, 76%
CMY	0.5255, 0.9294, 0.2392
CMYK	0.38, 0.91, 0.00, 0.24
HSL	275°, 83%, 42%
HSV	275°, 91%, 76%
XYZ	17.8391, 8.3926, 51.7186
YIQ	68.8610, 4.8920, 76.5720

Conversions

Conversions Part 2

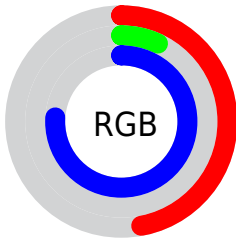
Format	Color
R_{YB}	121, 18, 194
Decimal	7934658
CIE Lab	34.79, 67.36, -68.48
CIE LCh	35, 96.061, 314.527
Yxy	8.3926, 0.2289, 0.1077
Android (android.graphics.Color)	4286124738 (0xFF7912C2)
YUV	68.8610, 61.6935, 45.7259
Hunter-Lab	28.9700, 59.2188, -85.5684

Details

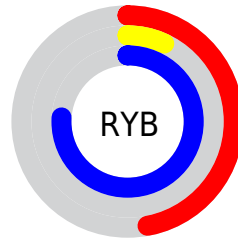
The Hex color **7912C2** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **5BC212**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **B452FC**, and **3D008B** is the 20% darker color. If you saturate the color by 10%, you get **7200C2**, and if you desaturate by 10%, it is **8125C2**.

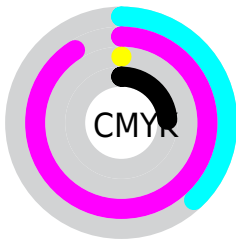
Distribution



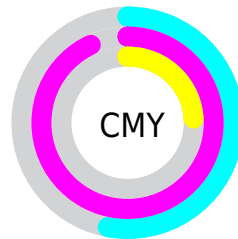
- Red (47%)
- Green (7%)
- Blue (76%)



- Red (47%)
- Yellow (7%)
- Blue (76%)



- Cyan (38%)
- Magenta (91%)
- Yellow (0%)
- Black (24%)



- Cyan (53%)
- Magenta (93%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7912C2 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 7912C2 by changing the saturation by 10% instead.

7912C2

7912C2

FFFFFF

5C00A6

B452FC

3D008B

D16EFF

1A0071

F08AFF

000057

FFA6FF

00053F

FFC2FF

000328

FFDFFF

000111

FFFDFD

000000

7912C2

7912C2

7200C2

8125C2

8939C2

914CC2

9960C2

A173C2

A986C2

B19AC2

B9ADC2

C1C1C2

Harmonies

Analogous

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



0052EC



7912C2



BE007D

Triad

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



7912C2



843F00



006C77

Complementary

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



7912C2



5BC212

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.



006A24



7912C2



415A00

Square

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



7912C2



B40000



006600



006DBF

Rectangle

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



7912C2



CC004B



006600



006C5C

Sweetspot

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



7912C2



E0B8FC



125BC2



6F5780



000000



808080

Same Dimension

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



7912C2



9400FC



C212B3



5D5761



5E00A1



130021

Inverse Universe

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



C2125B



FC0069



12C221



61575B



A10043



21000E

Previews

White Background



This preview shows how the Hex color 7912C2 looks on a white 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

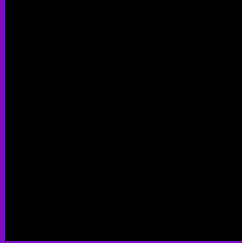
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7912C2 Background



This preview shows how black text looks on a background with the Hex color 7912C2.

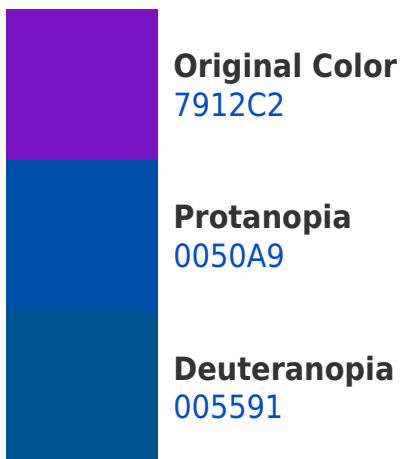


This preview shows how white text looks on a background with the Hex color 7912C2.

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
634D53

Trichromacy



Original Color
7912C2



Protanomaly
2C39B2



Deuteranomaly
2C3DA3



Tritanomaly
6B387B

Monochromacy



Original Color
7912C2



Achromatopsia
454545



Achromatomaly
583272

CSS Examples

Text

The CSS property to change the color of the text to Hex 7912C2 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 #7912C2 looks like.

```
.text, #text, p{  
    color:#7912C2  
}
```

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 #7912C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7912C2
}
```

Border

The CSS property to change the border of an element to Hex 7912C2 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".

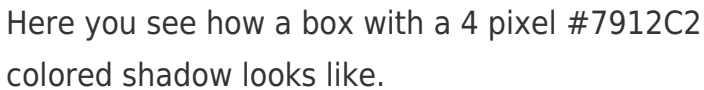
```
.border, #border, table{ border:4px solid
#7912C2 }
```

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

```
.border{ border-color:#7912C2 }
```

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

Here you see how a box with a 4 pixel #7912C2 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7912C2; -webkit-box-shadow:4px 4px  
4px 4px #7912C2; box-shadow:4px 4px 4px  
4px #7912C2 }
```

Background

The CSS property to change the background color of an element to Hex 7912C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7912C2 }
```

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

```
.background{ background-color:#7912C2 }
```

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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