

Converting Colors

Hex(7120C2)

Have a look what the booklet for
Hex(7120C2) contains.

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Color

Hex(7120C2)

Conversions

Conversions Part 1

Format	Color
Hex	7120C2
RGB	113, 32, 194
RGB Percent	44%, 13%, 76%
CMY	0.5569, 0.8745, 0.2392
CMYK	0.42, 0.84, 0.00, 0.24
HSL	270°, 72%, 44%
HSV	270°, 84%, 76%
XYZ	17.0642, 8.4388, 51.7684
YIQ	74.6870, -3.7260, 67.5540

Conversions

Conversions Part 2

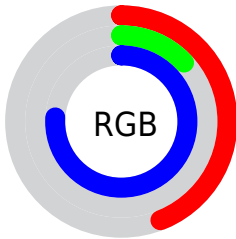
Format	Color
R_{YB}	113, 32, 194
Decimal	7413954
CIE _{Lab}	34.88, 62.75, -68.37
CIE _{LCh}	35, 92.807, 312.546
Yxy	8.4388, 0.2208, 0.1092
Android (android.graphics.Color)	4285604034 (0xFF7120C2)
YUV	74.6870, 58.8213, 33.6005
Hunter-Lab	29.0496, 54.0169, -85.3243

Details

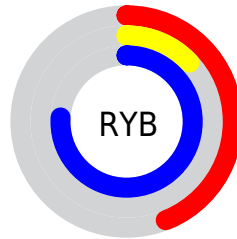
The Hex color **7120C2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **71C220**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **AC59FC**, and **34008B** is the 20% darker color. If you saturate the color by 10%, you get **670DC2**, and if you desaturate by 10%, it is **7B33C2**.

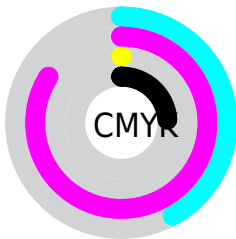
Distribution



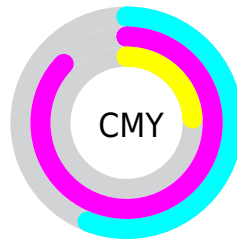
- Red (44%)
- Green (13%)
- Blue (76%)



- Red (44%)
- Yellow (13%)
- Blue (76%)



- Cyan (42%)
- Magenta (84%)
- Yellow (0%)
- Black (24%)



- Cyan (56%)
- Magenta (87%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7120C2 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 7120C2 by changing the saturation by 10% instead.

7120C2

7120C2

FFFFFF

5300A6

AC59FC

34008B

C974FF

080071

E78FFF

000057

FFABFF

00063F

FFC7FF

000328

FFE4FF

000111

000000

7120C2

7120C2

■ 670DC2

■ 7B33C2

■ 6100C2

■ 8447C2

■ 8E5AC2

■ 986EC2

■ A181C2

■ AB94C2

■ B5A8C2

■ BFBBC2

■ C8CFC2

Harmonies

Analogous

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



0054E8



7120C2



B90080

Triad

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



7120C2



873D00



006C71

Complementary

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



7120C2



71C220

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.



006A20



7120C2



485900

Square

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



7120C2



B40000



006500



006DB7

Rectangle

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



7120C2



C80050



006500



006B57

Sweetspot

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



7120C2



DDBDFC



2071C2



6C5980



000000



808080

Same Dimension

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



7120C2



7E00FC



C220C2



5C5761



5000A1



110021

Inverse Universe

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



C22071



FC007E



20C220



61575C



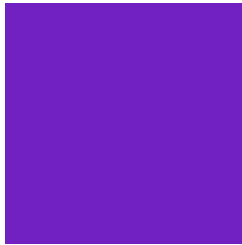
A10050



210011

Previews

White Background



This preview shows how the Hex color 7120C2 looks on a white background.

Color Contrast Check

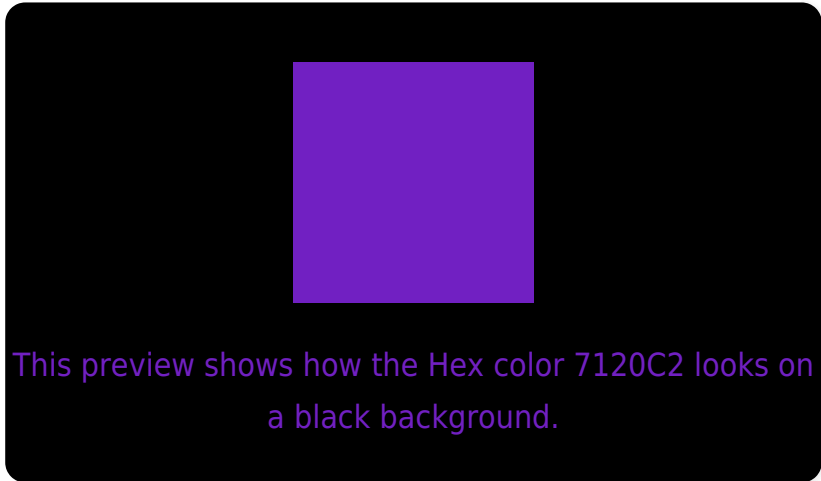
Large Text (above 18pt) WCAG AA ✓ Pass

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

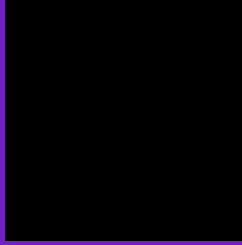
Any Text WCAG AA × Fail

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 7120C2 Background



This preview shows how black text looks on a background with the Hex color 7120C2.



This preview shows how white text looks on a background with the Hex color 7120C2.

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
7120C2

Protanopia
0050A8

Deuteranopia
005591



Tritanopia
595056

Trichromacy



Original Color

7120C2



Protanomaly

293FB1



Deuteranomaly

2942A3



Tritanomaly

623F7D

Monochromacy



Original Color

7120C2



Achromatopsia

4B4B4B



Achromatomaly

593B76

CSS Examples

Text

The CSS property to change the color of the text to Hex 7120C2 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 #7120C2 looks like.

```
.text, #text, p{  
    color:#7120C2  
}
```

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 #7120C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7120C2
}
```

Border

The CSS property to change the border of an element to Hex 7120C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

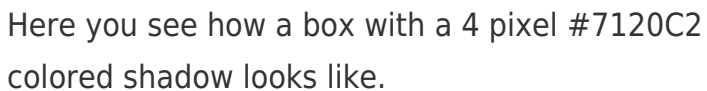
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7120C2 }
```

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

```
.border{ border-color:#7120C2 }
```

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



Here you see how a box with a 4 pixel #7120C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7120C2; -webkit-box-shadow:4px 4px  
4px 4px #7120C2; box-shadow:4px 4px 4px  
4px #7120C2 }
```

Background

The CSS property to change the background color of an element to Hex 7120C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7120C2 }
```

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

```
.background{ background-color:#7120C2 }
```

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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