

Converting Colors

Hex(7181CB)

Have a look what the booklet for
Hex(7181CB) contains.

Hex(7181CB)	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(7181CB)

Conversions

Conversions Part 1

Format	Color
Hex	7181CB
RGB	113, 129, 203
RGB Percent	44%, 51%, 80%
CMY	0.5569, 0.4941, 0.2039
CMYK	0.44, 0.36, 0.00, 0.20
HSL	229°, 46%, 62%
HSV	229°, 44%, 80%
XYZ	25.4398, 23.5230, 59.6995
YIQ	132.6520, -33.2900, 19.6220

Conversions

Conversions Part 2

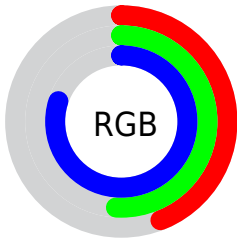
Format	Color
RYB	113, 127, 203
Decimal	7438795
CIELab	55.61, 13.58, -40.23
CIElCh	56, 42.463, 288.646
Yxy	23.5230, 0.2341, 0.2165
Android (android.graphics.Color)	4285628875 (0xFF7181CB)
YUV	132.6520, 34.6816, -17.2348
Hunter-Lab	48.5005, 8.7520, -39.0299

Details

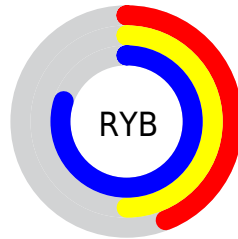
The Hex color **7181CB** is a light color, and the websafe version is hex **666699**. A complement of this color would be **CBBB71**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A8B6FF**, and **3A5094** is the 20% darker color. If you saturate the color by 10%, you get **5D70CB**, and if you desaturate by 10%, it is **8592CB**.

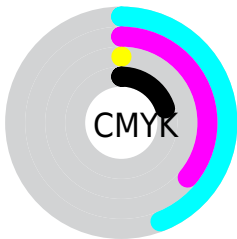
Distribution



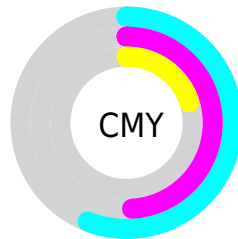
- Red (44%)
- Green (51%)
- Blue (80%)



- Red (44%)
- Yellow (50%)
- Blue (80%)



- Cyan (44%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)



- Cyan (56%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7181CB 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 7181CB by changing the saturation by 10% instead.

■ 7181CB

■ 7181CB

FFFFFF

■ 5668AF

■ A8B6FF

■ 3A5094

■ C5D1FF

■ 1B397A

■ E2EDFF

■ 002461

■ 001049

■ 000432

■ 00011C

■ 000000

■ 7181CB

■ 7181CB

■ 5D70CB

■ 8592CB

■ 4860CB

■ 9AA2CB

■ 344FCB

■ AEB3CB

■ 203ECB

■ C2C4CB

■ 0B2ECB

■ D7D4CB

■ 0024CB

■ EBE5CB

■ FFF6CB

■ FFFF CB

Harmonies

Analogous

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



018DCD



7181CB



A573B6

Triad

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



7181CB



C0714F



0D9775

Complementary

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



7181CB



CBBB71

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.



5A9353



7181CB



A77E3B

Square

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



7181CB



CB6770



848A3C



00989C

Rectangle

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



7181CB



BB6AA1



848A3C



339669

Sweetspot

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



7181CB



DEE4FF



71CBBB



6B6F80



000000



808080

Same Dimension

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



7181CB



7890FF



8D71CB



5C5E66



001DA6



000726

Inverse Universe

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



CB7181



FF7890



AFCB71



665C5E



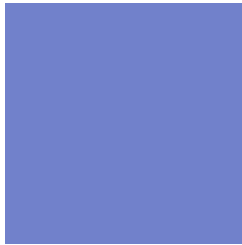
A6001D



260007

Previews

White Background



This preview shows how the Hex color 7181CB looks on a white background.

Color Contrast Check

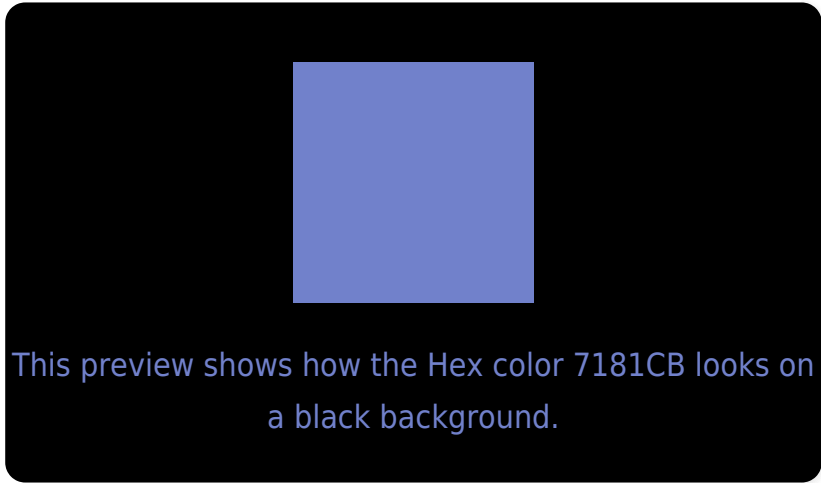
Large Text (above 18pt) WCAG AA ✓ Pass

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

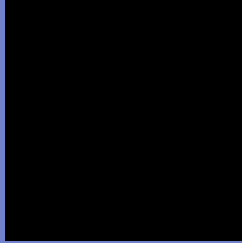
Any Text WCAG AA ✓ Pass

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 7181CB Background



This preview shows how black text looks on a background with the Hex color 7181CB.

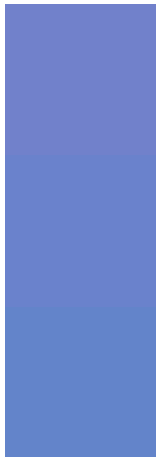


This preview shows how white text looks on a background with the Hex color 7181CB.

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
7181CB

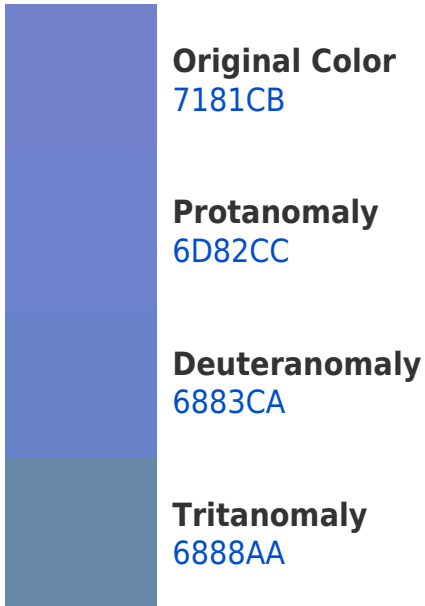
Protanopia
6A82CC

Deuteranopia
6384CA



Tritanopia
638C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7181CB 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 #7181CB looks like.

```
.text, #text, p{  
    color:#7181CB  
}
```

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 #7181CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7181CB
}
```

Border

The CSS property to change the border of an element to Hex 7181CB 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
#7181CB }
```

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

```
.border{ border-color:#7181CB }
```

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

Here you see how a box with a 4 pixel #7181CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7181CB; -webkit-box-shadow:4px 4px  
4px 4px #7181CB; box-shadow:4px 4px 4px  
4px #7181CB }
```

Background

The CSS property to change the background color of an element to Hex 7181CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7181CB }
```

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

```
.background{ background-color:#7181CB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor