

Converting Colors

Hex(7181B5)

Have a look what the booklet for
Hex(7181B5) contains.

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Color

Hex(7181B5)

Conversions

Conversions Part 1

Format	Color
Hex	7181B5
RGB	113, 129, 181
RGB Percent	44%, 51%, 71%
CMY	0.5569, 0.4941, 0.2902
CMYK	0.38, 0.29, 0.00, 0.29
HSL	226°, 31%, 58%
HSV	226°, 38%, 71%
XYZ	23.0008, 22.5474, 46.8559
YIQ	130.1440, -26.2280, 12.7800

Conversions

Conversions Part 2

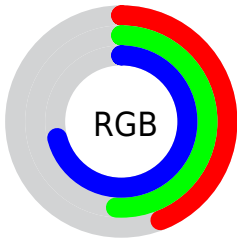
Format	Color
R_{YB}	113, 126, 181
Decimal	7438773
CIE Lab	54.60, 7.26, -29.27
CIE LCh	55, 30.153, 283.928
Yxy	22.5474, 0.2489, 0.2440
Android (android.graphics.Color)	4285628853 (0xFF7181B5)
YUV	130.1440, 25.0720, -15.0353
Hunter-Lab	47.4841, 3.3663, -25.2667

Details

The Hex color **7181B5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B5A571**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A7B6ED**, and **3D5080** is the 20% darker color. If you saturate the color by 10%, you get **5F73B5**, and if you desaturate by 10%, it is **838FB5**.

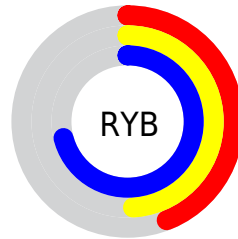
Distribution



Red (44%)

Green (51%)

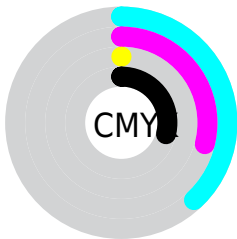
Blue (71%)



Red (44%)

Yellow (49%)

Blue (71%)

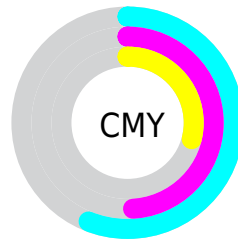


Cyan (38%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (56%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7181B5 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 7181B5 by changing the saturation by 10% instead.

■ 7181B5

■ 7181B5

FFFFFF

■ 57689A

■ A7B6ED

■ 3D5080

■ C3D1FF

■ 233967

■ DFEDFF

■ 02244E

■ FCFFFF

■ 000F37

■ 000221

■ 000007

■ 000000

■ 7181B5

■ 7181B5

■ 5F73B5

■ 838FB5

■ 4D65B5

■ 959DB5

■ 3B57B5

■ A7ABB5

■ 294AB5

■ B9B8B5

■ 173CB5

■ CCC6B5

■ 042EB5

■ DED4B5

■ 002BB5

■ F0E2B5

■ FFF0B5

■ FFFEB5

Harmonies

Analogous

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



4589B4



7181B5



9578A8

Triad

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



7181B5



B17460



4A9073

Complementary

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



7181B5



B5A571

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.



6B8C5C



7181B5



A07C51

Square

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



7181B5



B66F77



88854F



27918E

Rectangle

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



7181B5



A6729A



88854F



558F6B

Sweetspot

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



7181B5



D1D7EB



71B5A4



666A75



F5F5F5



757575

Same Dimension

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



7181B5



819AEB



8271B5



505259



002499



00061A

Inverse Universe

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



B57181



EB819A



A4B571



595052



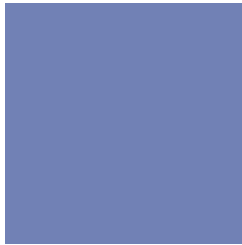
990024



1A0006

Previews

White Background



This preview shows how the Hex color 7181B5 looks on a white background.

Color Contrast Check

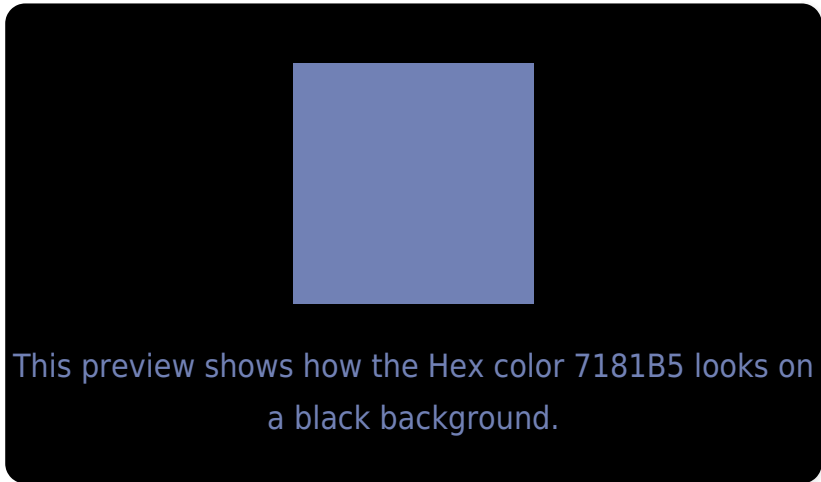
Large Text (above 18pt) WCAG AA ✓ Pass

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

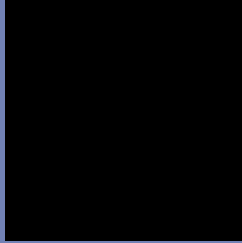
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

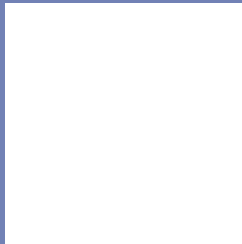
Any Text WCAG AAA × Fail

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

Hex 7181B5 Background



This preview shows how black text looks on a background with the Hex color 7181B5.



This preview shows how white text looks on a background with the Hex color 7181B5.

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
7181B5

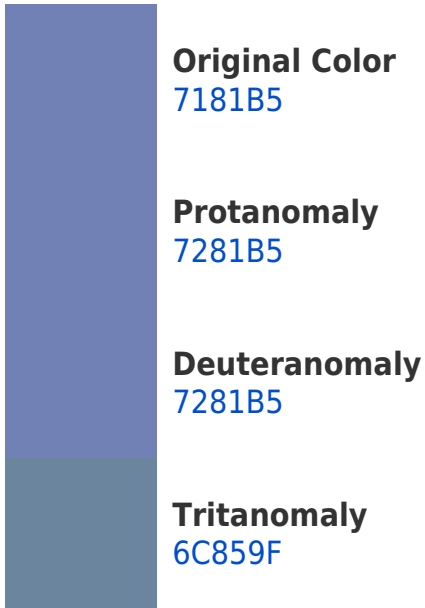
Protanopia
7381B5

Deuteranopia
7281B5

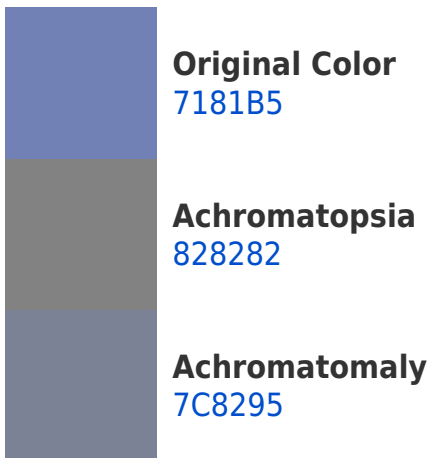


Tritanopia
698892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7181B5 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 #7181B5 looks like.

```
.text, #text, p{  
    color:#7181B5  
}
```

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 #7181B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7181B5
}
```

Border

The CSS property to change the border of an element to Hex 7181B5 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
#7181B5 }
```

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

```
.border{ border-color:#7181B5 }
```

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

Here you see how a box with a 4 pixel #7181B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7181B5; -webkit-box-shadow:4px 4px  
4px 4px #7181B5; box-shadow:4px 4px 4px  
4px #7181B5 }
```

Background

The CSS property to change the background color of an element to Hex 7181B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7181B5 }
```

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

```
.background{ background-color:#7181B5 }
```

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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