

Converting Colors

Hex(7481BE)

Have a look what the booklet for
Hex(7481BE) contains.

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Color

Hex(7481BE)

Conversions

Conversions Part 1

Format	Color
Hex	7481BE
RGB	116, 129, 190
RGB Percent	45%, 51%, 75%
CMY	0.5451, 0.4941, 0.2549
CMYK	0.39, 0.32, 0.00, 0.25
HSL	229°, 36%, 60%
HSV	229°, 39%, 75%
XYZ	24.3470, 23.1312, 51.8967
YIQ	132.0670, -27.3290, 16.2150

Conversions

Conversions Part 2

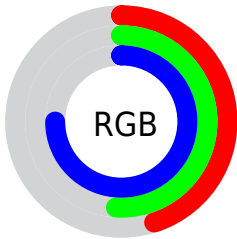
Format	Color
R_{YB}	116, 127, 190
Decimal	7635390
CIE _{Lab}	55.21, 10.62, -33.46
CIE _{LCh}	55, 35.100, 287.607
Yxy	23.1312, 0.2450, 0.2328
Android (android.graphics.Color)	4285825470 (0xFF7481BE)
YUV	132.0670, 28.5610, -14.0908
Hunter-Lab	48.0949, 6.1955, -30.3103

Details

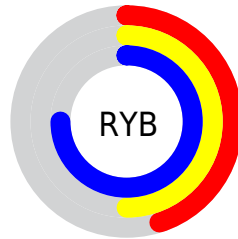
The Hex color **7481BE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BEB174**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **AAB6F7**, and **3F5088** is the 20% darker color. If you saturate the color by 10%, you get **6171BE**, and if you desaturate by 10%, it is **8791BE**.

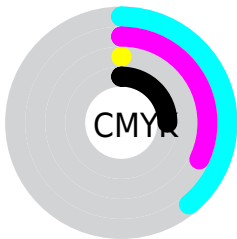
Distribution



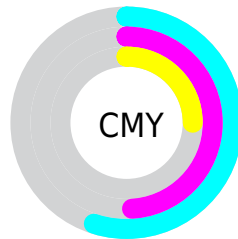
- Red (45%)
- Green (51%)
- Blue (75%)



- Red (45%)
- Yellow (50%)
- Blue (75%)



- Cyan (39%)
- Magenta (32%)
- Yellow (0%)
- Black (25%)



- Cyan (55%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7481BE 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 7481BE by changing the saturation by 10% instead.

■ 7481BE

■ 7481BE

FFFFFF

■ 5A68A3

■ AAB6F7

■ 3F5088

■ C6D1FF

■ 24396F

■ E3EDFF

■ 012456

■ 000F3E

■ 000328

■ 000112

■ 000000

■ 7481BE

■ 7481BE

6171BE

8791BE

4E62BE

9AA0BE

3B52BE

ADB0BE

2842BE

C0C0BE

1533BE

D3CFBE

0223BE

E6DFBE

0021BE

F9EFBE

FFFEBE

FFFFBE

Harmonies

Analogous

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



3A8BBF



7481BE



9E76AD

Triad

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



7481BE



B77359



389376

Complementary

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



7481BE



BEB174

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.



638F5A



7481BE



A27E48

Square

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



7481BE



BF6C73



868849



009496

Rectangle

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



7481BE



B06F9C



868849



48926C

Sweetspot

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



7481BE



DADFF7



74BEB0



6B6F7D



FCFCFC



7D7D7D

Same Dimension

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



7481BE



8398F7



8B74BE



55575E



001C9E



00051F

Inverse Universe

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



BE7481



F78398



A7BE74



5E5557



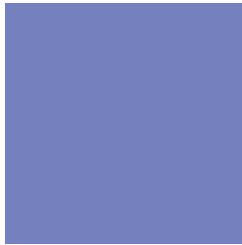
9E001C



1F0005

Previews

White Background



This preview shows how the Hex color 7481BE looks on a white background.

Color Contrast Check

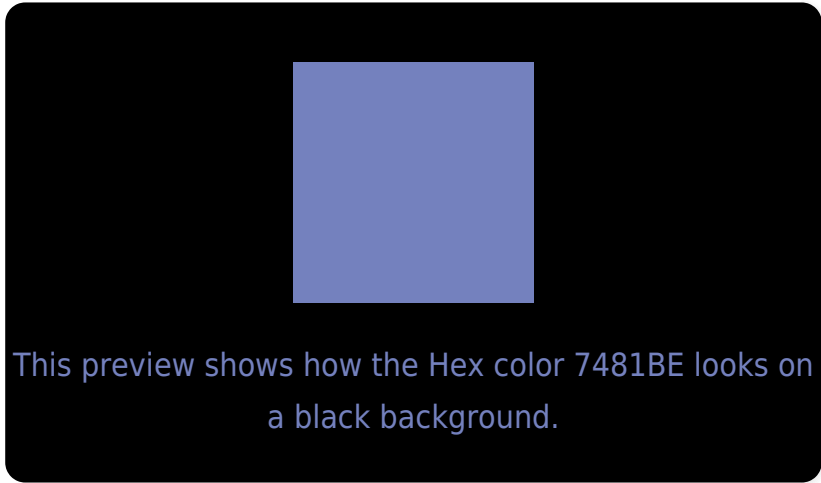
Large Text (above 18pt) WCAG AA ✓ Pass

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

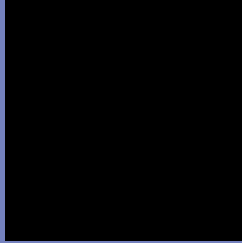
Any Text WCAG AA ✓ Pass

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 7481BE Background



This preview shows how black text looks on a background with the Hex color 7481BE.



This preview shows how white text looks on a background with the Hex color 7481BE.

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
7481BE

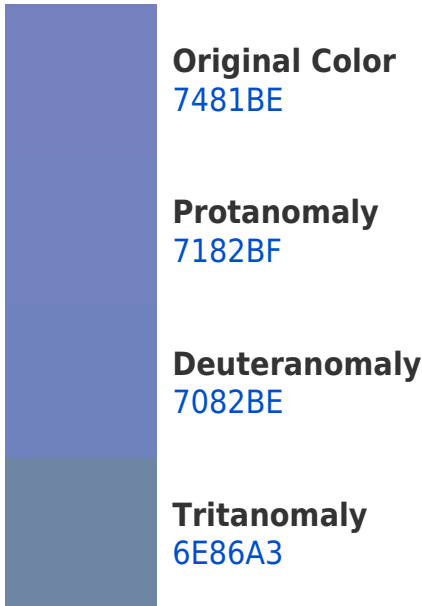
Protanopia
7082BF

Deuteranopia
6E83BE



Tritanopia
6A8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7481BE 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 #7481BE looks like.

```
.text, #text, p{  
    color:#7481BE  
}
```

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 #7481BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7481BE
}
```

Border

The CSS property to change the border of an element to Hex 7481BE 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
#7481BE }
```

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

```
.border{ border-color:#7481BE }
```

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

Here you see how a box with a 4 pixel #7481BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7481BE; -webkit-box-shadow:4px 4px  
4px 4px #7481BE; box-shadow:4px 4px 4px  
4px #7481BE }
```

Background

The CSS property to change the background color of an element to Hex 7481BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7481BE }
```

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

```
.background{ background-color:#7481BE }
```

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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