

# Converting Colors

Hex(7484BE)

Have a look what the booklet for  
Hex(7484BE) contains.

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# Color

**Hex(7484BE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7484BE
RGB	116, 132, 190
RGB Percent	45%, 52%, 75%
CMY	0.5451, 0.4824, 0.2549
CMYK	0.39, 0.31, 0.00, 0.25
HSL	227°, 36%, 60%
HSV	227°, 39%, 75%
XYZ	24.7480, 23.9332, 52.0304
YIQ	133.8280, -28.1540, 14.6460

# Conversions

## Conversions Part 2

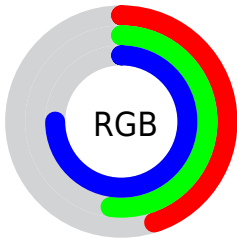
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 129, 190
Decimal	7636158
CIE <sub>Lab</sub>	56.02, 8.84, -32.19
CIE <sub>LCh</sub>	56, 33.380, 285.364
Yxy	23.9332, 0.2457, 0.2376
Android (android.graphics.Color)	4285826238 (0xFF7484BE)
YUV	133.8280, 27.6928, -15.6352
Hunter-Lab	48.9216, 4.6850, -28.8126

# Details

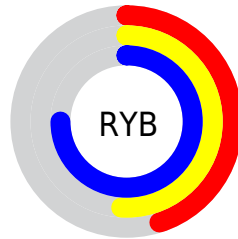
The Hex color **7484BE** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BEAE74**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **AAB9F7**, and **3F5388** is the 20% darker color. If you saturate the color by 10%, you get **6175BE**, and if you desaturate by 10%, it is **8793BE**.

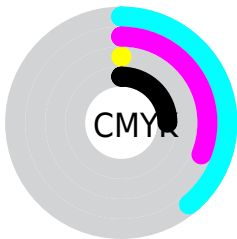
# Distribution



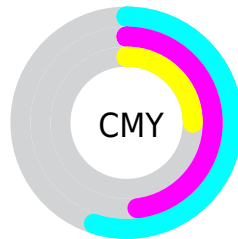
- Red (45%)
- Green (52%)
- Blue (75%)



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



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (25%)



- Cyan (55%)
- Magenta (48%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7484BE 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 7484BE by changing the saturation by 10% instead.



■ 7484BE

■ 7484BE

FFFFFF

■ 5A6BA3

■ AAB9F7

■ 3F5388

■ C6D5FF

■ 253C6F

■ E3F1FF

■ 012756

■ 00123E

■ 000328

■ 000112

■ 000000

■ 7484BE

■ 7484BE

6175BE

8793BE

4E66BE

9AA2BE

3B57BE

ADB1BE

2848BE

C0C0BE

153ABE

D3CEBE

022BBE

E6DDBE

0029BE

F9ECBE

FFFBBE

FFFFBE

# Harmonies

## Analogous

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



408DBE



7484BE



9C79AF

# Triad

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



7484BE



B8765E



449577

# Complementary

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



7484BE



BEAE74

# 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.



6A915C



7484BE



A5804E

# Square

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



7484BE



BF7078



8A894D



0B9695

# Rectangle

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



7484BE



AF739F



8A894D



51946D



# Sweetspot

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



7484BE



DAE0F7



74BEAE



6B6F7D



FCFCFC



7D7D7D



# Same Dimension

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



7484BE



839CF7



8974BE



55575E



00229E



00071F



# Inverse Universe

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



BE7484



F7839C



A9BE74



5E5557



9E0022

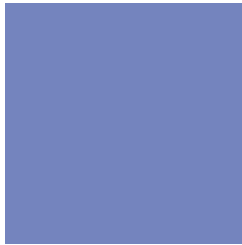


1F0007



# Previews

## White Background



This preview shows how the Hex color 7484BE looks on a white background.

## Color Contrast Check

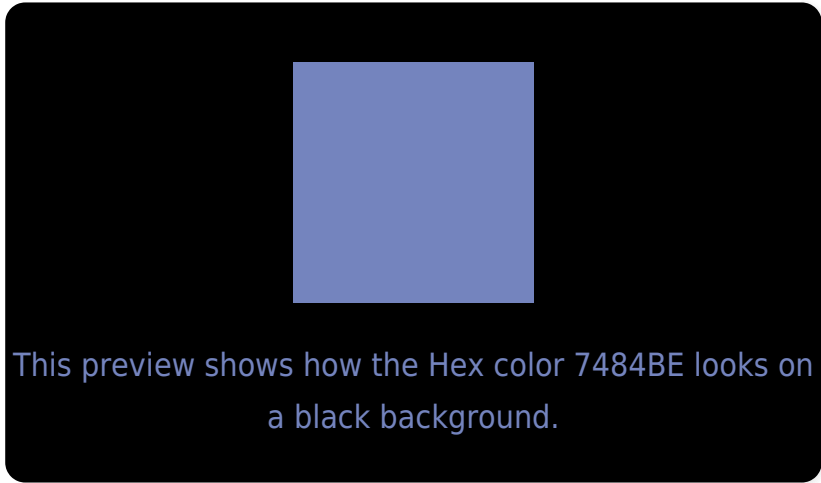
Large Text (above 18pt) WCAG AA ✓ Pass

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

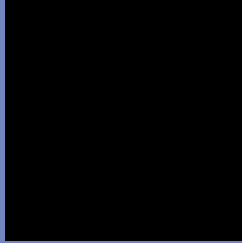
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7484BE Background



This preview shows how black text looks on a background with the Hex color 7484BE.



This preview shows how white text looks on a background with the Hex color 7484BE.

# 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**  
7484BE

**Protanopia**  
7484BE

**Deuteranopia**  
7285BE



**Tritanopia**  
6A8C97

# Trichromacy



**Original Color**  
7484BE

**Protanomaly**  
7484BE

**Deuteranomaly**  
7385BE

**Tritanomaly**  
6E89A5

# Monochromacy



**Original Color**  
7484BE

**Achromatopsia**  
868686

**Achromatomaly**  
7F859A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7484BE 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 #7484BE looks like.

```
.text, #text, p{  
    color:#7484BE  
}
```

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 #7484BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7484BE
}
```

## Border

The CSS property to change the border of an element to Hex 7484BE 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
#7484BE }
```

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

```
.border{ border-color:#7484BE }
```

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

Here you see how a box with a 4 pixel #7484BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7484BE; -webkit-box-shadow:4px 4px  
4px 4px #7484BE; box-shadow:4px 4px 4px  
4px #7484BE }
```

# Background

The CSS property to change the background color of an element to Hex 7484BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7484BE }
```

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

```
.background{ background-color:#7484BE }
```

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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