

Converting Colors

Hex(7B4287)

Have a look what the booklet for
Hex(7B4287) contains.

Hex(7B4287)	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(7B4287)

Conversions

Conversions Part 1

Format	Color
Hex	7B4287
RGB	123, 66, 135
RGB Percent	48%, 26%, 53%
CMY	0.5176, 0.7412, 0.4706
CMYK	0.09, 0.51, 0.00, 0.47
HSL	290°, 34%, 39%
HSV	290°, 51%, 53%
XYZ	14.4898, 9.8567, 24.0605
YIQ	90.9090, 11.8230, 33.5430

Conversions

Conversions Part 2

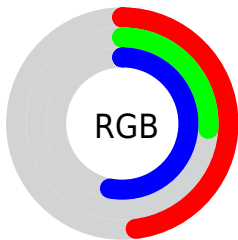
Format	Color
R_{YB}	123, 66, 135
Decimal	8077959
CIE _{Lab}	37.58, 36.14, -28.53
CIE _{LCh}	38, 46.041, 321.711
Yxy	9.8567, 0.2993, 0.2036
Android (android.graphics.Color)	4286268039 (0xFF7B4287)
YUV	90.9090, 21.7369, 28.1438
Hunter-Lab	31.3953, 27.4407, -23.4615

Details

The Hex color **7B4287** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4E8742**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B174BD**, and **481155** is the 20% darker color. If you saturate the color by 10%, you get **793587**, and if you desaturate by 10%, it is **7D5087**.

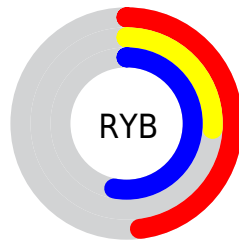
Distribution



Red (48%)

Green (26%)

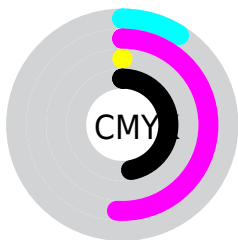
Blue (53%)



Red (48%)

Yellow (26%)

Blue (53%)

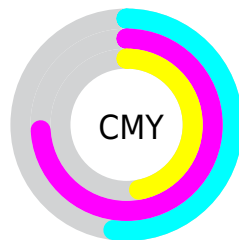


Cyan (9%)

Magenta (51%)

Yellow (0%)

Black (47%)



Cyan (52%)

Magenta (74%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7B4287 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 7B4287 by changing the saturation by 10% instead.

 7B4287

 7B4287

FFFFFF

 612A6D

 B174BD

 481155

 CD8ED9

 30003D

 EAA9F5

 1B0027

 FFC5FF

 000110

 FFE1FF

 000000

FFFEFF

 7B4287

 7B4287

 793587

 7D5087

762787

805D87

741A87

826B87

720C87

847887

700087

878687

899387

8BA187

8EAE87

90BB87

Harmonies

Analogous

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



43539E



7B4287



963464

Triad

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



7B4287



735301



006A73

Complementary

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



7B4287



4E8742

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.



00694D



7B4287



515F05

Square

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



7B4287



8D441E



1E6627



006792

Rectangle

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



7B4287



9B334B



1E6627



006A66

Sweetspot

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



7B4287



AB96B0



424F87



564959



D9D9D9



595959

Same Dimension

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



7B4287



9D45B0



874271



413C42



6B0082



020003

Inverse Universe

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



87424E



B04557



428758



423C3D



820017



030000

Previews

White Background



This preview shows how the Hex color 7B4287 looks on a white background.

Color Contrast Check

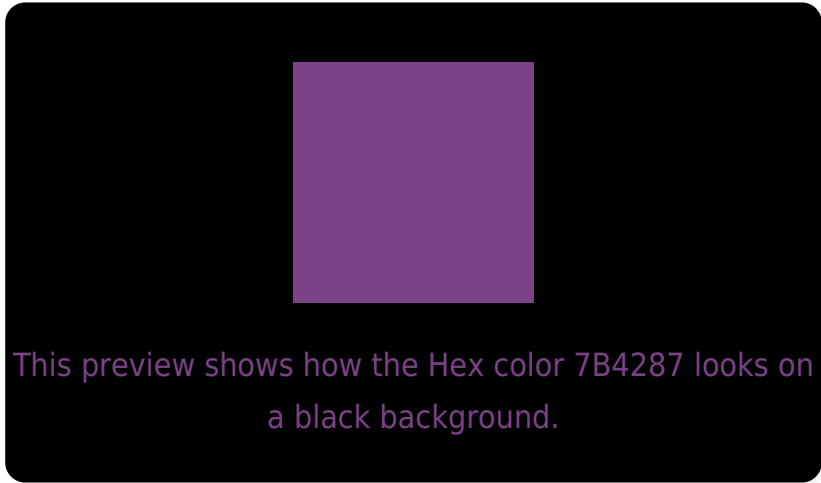
Large Text (above 18pt) WCAG AA ✓ Pass

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

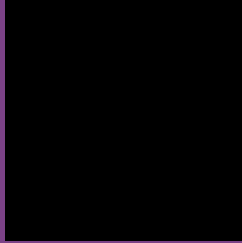
Any Text WCAG AA × Fail

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 7B4287 Background



This preview shows how black text looks on a background with the Hex color 7B4287.



This preview shows how white text looks on a background with the Hex color 7B4287.

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
7B4287

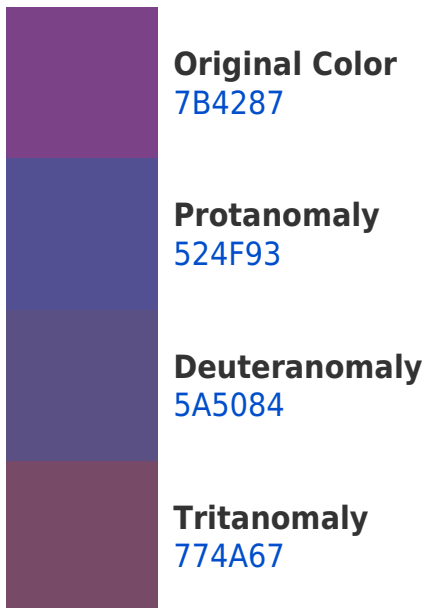
Protanopia
3B579A

Deuteranopia
475883

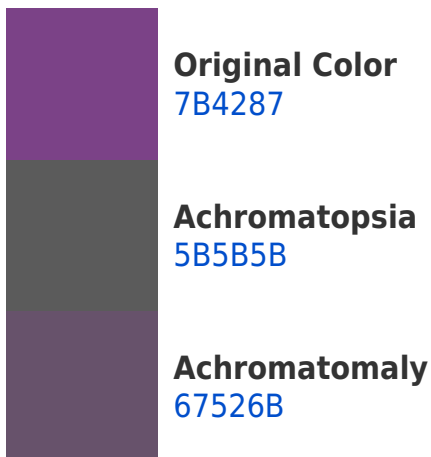


Tritanopia
744E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4287 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 #7B4287 looks like.

```
.text, #text, p{  
    color:#7B4287  
}
```

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 #7B4287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4287
}
```

Border

The CSS property to change the border of an element to Hex 7B4287 is called "border". The border property can be set on classes, ids or directly on the HTML element.

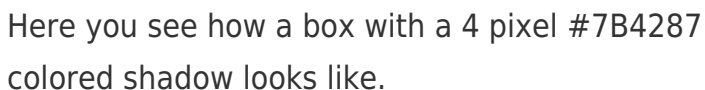
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4287 }
```

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

```
.border{ border-color:#7B4287 }
```

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



Here you see how a box with a 4 pixel #7B4287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4287; -webkit-box-shadow:4px 4px  
4px 4px #7B4287; box-shadow:4px 4px 4px  
4px #7B4287 }
```

Background

The CSS property to change the background color of an element to Hex 7B4287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4287 }
```

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

```
.background{ background-color:#7B4287 }
```

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