

Converting Colors

Hex(77407B)

Have a look what the booklet for
Hex(77407B) contains.

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Color

Hex(77407B)

Conversions

Conversions Part 1

Format	Color
Hex	77407B
RGB	119, 64, 123
RGB Percent	47%, 25%, 48%
CMY	0.5333, 0.7490, 0.5176
CMYK	0.03, 0.48, 0.00, 0.52
HSL	296°, 32%, 37%
HSV	296°, 48%, 48%
XYZ	13.0163, 9.0188, 19.7937
YIQ	87.1710, 13.8410, 30.0090

Conversions

Conversions Part 2

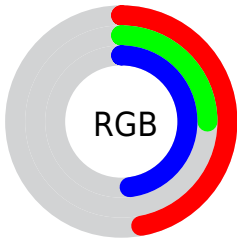
Format	Color
R_{YB}	119, 64, 123
Decimal	7815291
CIE _{Lab}	36.02, 33.50, -23.61
CIE _{LCh}	36, 40.979, 324.826
Yxy	9.0188, 0.3112, 0.2156
Android (android.graphics.Color)	4286005371 (0xFF77407B)
YUV	87.1710, 17.6637, 27.9140
Hunter-Lab	30.0313, 24.8115, -18.0562

Details

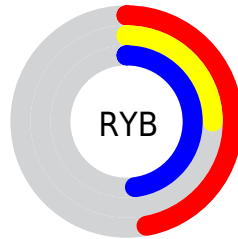
The Hex color **77407B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **447B40**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AD72B0**, and **45104A** is the 20% darker color. If you saturate the color by 10%, you get **76347B**, and if you desaturate by 10%, it is **784C7B**.

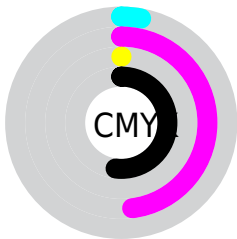
Distribution



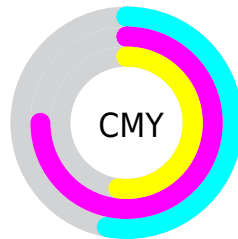
- Red (47%)
- Green (25%)
- Blue (48%)



- Red (47%)
- Yellow (25%)
- Blue (48%)



- Cyan (3%)
- Magenta (48%)
- Yellow (0%)
- Black (52%)



- Cyan (53%)
- Magenta (75%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77407B 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 77407B by changing the saturation by 10% instead.

 77407B

 77407B

FFFFFF

 5D2862

 AD72B0

 45104A

 C88CCB

 2D0033

 E5A7E7

 14001E

 FFC2FF

 000000

 FFDEFF

 FFFBFF

 77407B

 77407B

 76347B

 784C7B

75277B

79597B

741B7B

7A657B

740F7B

7A717B

73027B

7B7E7B

73007B

7C8A7B

7D967B

7EA27B

7FAF7B

Harmonies

Analogous

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



4B4E91



77407B



8D365C

Triad

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



77407B



6A510B



00646F

Complementary

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



77407B



447B40

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.



00644E



77407B



4B5B12

Square

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



77407B



82441F



1E612D



00618A

Rectangle

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



77407B



903646



1E612D



006465

Sweetspot

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



77407B



9F8AA1



40457B



514452



D1D1D1



525252

Same Dimension

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



77407B



9A43A1



7B4062



3D373D



74007D



EB00FC

Inverse Universe

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



7B4044



A1434A



407B59



3D3737



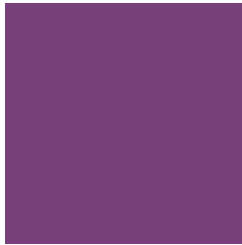
7D0008



FC0011

Previews

White Background



This preview shows how the Hex color 77407B looks on a white background.

Color Contrast Check

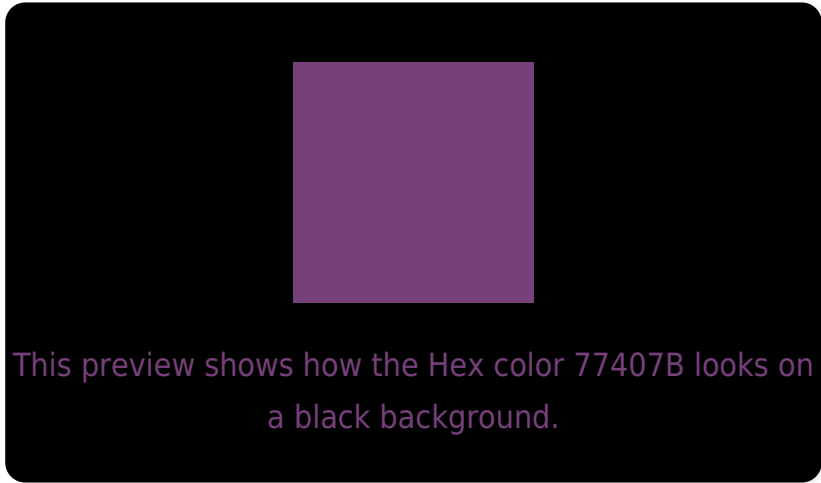
Large Text (above 18pt) WCAG AA ✓ Pass

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

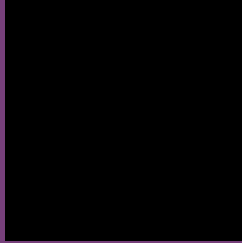
Any Text WCAG AA × Fail

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 77407B Background



This preview shows how black text looks on a background with the Hex color 77407B.




This preview shows how white text looks on a background with the Hex color 77407B.

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](#).

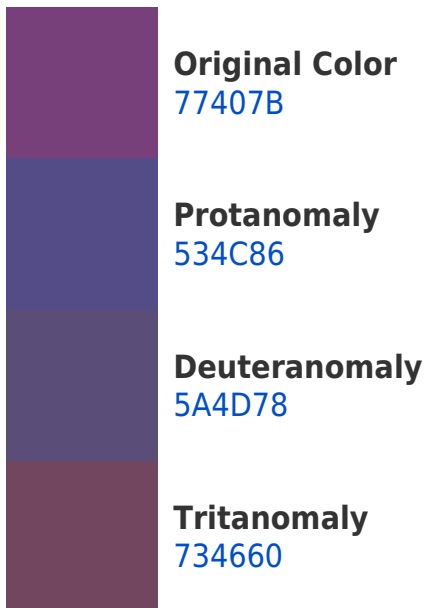
Dichromacy



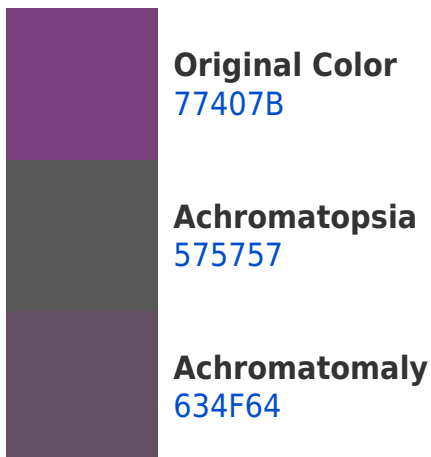


Tritanopia
714A50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77407B 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 #77407B looks like.

```
.text, #text, p{  
    color:#77407B  
}
```

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 #77407B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77407B
}
```

Border

The CSS property to change the border of an element to Hex 77407B is called "border". The border property can be set on classes, ids or directly on the HTML element.

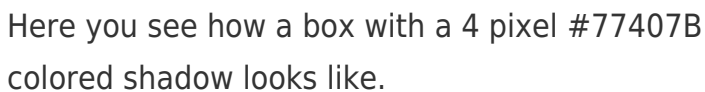
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77407B }
```

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

```
.border{ border-color:#77407B }
```

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



Here you see how a box with a 4 pixel #77407B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77407B; -webkit-box-shadow:4px 4px  
4px 4px #77407B; box-shadow:4px 4px 4px  
4px #77407B }
```

Background

The CSS property to change the background color of an element to Hex 77407B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77407B }
```

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

```
.background{ background-color:#77407B }
```

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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