

# Converting Colors

Hex(75007B)

Have a look what the booklet for  
Hex(75007B) contains.

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**Color**

**Hex(75007B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75007B
RGB	117, 0, 123
RGB Percent	46%, 0%, 48%
CMY	0.5412, 1.0000, 0.5176
CMYK	0.05, 1.00, 0.00, 0.52
HSL	297°, 100%, 24%
HSV	297°, 100%, 48%
XYZ	10.9113, 5.2120, 19.1698
YIQ	49.0050, 30.2490, 63.0570

# Conversions

## Conversions Part 2

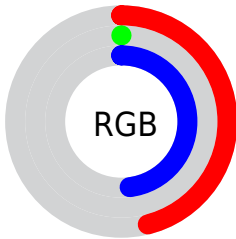
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 0, 123
Decimal	7667835
CIE <sub>Lab</sub>	27.33, 56.24, -37.39
CIE <sub>LCh</sub>	27, 67.530, 326.384
Yxy	5.2120, 0.3092, 0.1477
Android (android.graphics.Color)	4285857915 (0xFF75007B)
YUV	49.0050, 36.4795, 59.6316
Hunter-Lab	22.8297, 45.3605, -33.8042

# Details

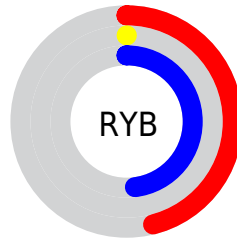
The Hex color **75007B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **067B00**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **AD45B0**, and **400049** is the 20% darker color. If you saturate the color by 10%, you get **75007B**, and if you desaturate by 10%, it is **760C7B**.

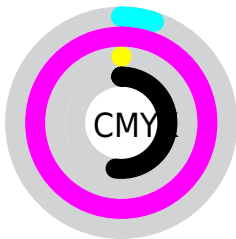
# Distribution



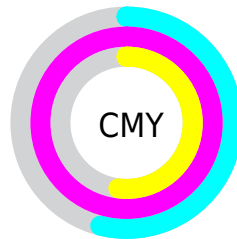
- Red (46%)
- Green (0%)
- Blue (48%)



- Red (46%)
- Yellow (0%)
- Blue (48%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)



- Cyan (54%)
- Magenta (100%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75007B 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 75007B by changing the saturation by 10% instead.





75007B



75007B

FFFFFF



5A0062



AD45B0



400049



C961CC



280032



E67CE8



00001C



FF97FF



000000



FFB3FF



FFD0FF



FFEDFF



75007B

 760C7B

 76197B

 77257B

 77317B

 783E7B

 794A7B

 79567B

 7A627B

 7A6F7B

# Harmonies

## Analogous

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



0A36A0



75007B



930049

# Triad

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



75007B



553D00



00546E

# Complementary

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



75007B



067B00

# 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.



005339



75007B



204A00

# Square

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



75007B



7B2000



005100



005398

# Rectangle

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



75007B



950028



005100



00545D



# Sweetspot

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



75007B



9E70A1



00067B



503452



D1D1D1



525252



# Same Dimension

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



75007B



9900A1



7B0044



3D373D



77007D



F000FC



# Inverse Universe

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



7B0006



A10008



007B37



3D3737



7D0006



FC000C



# Previews

## White Background



This preview shows how the Hex color 75007B looks on a white background.

## Color Contrast Check

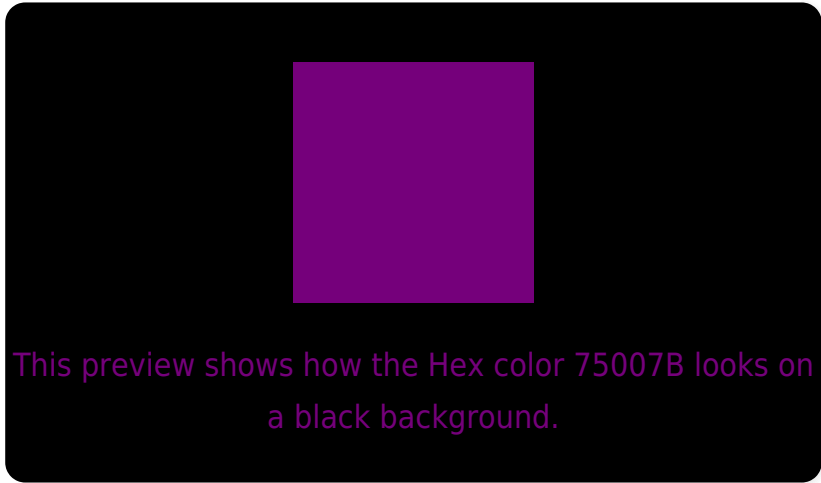
Large Text (above 18pt) WCAG AA ✓ Pass

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

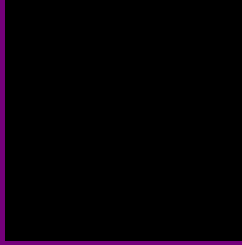
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75007B Background



This preview shows how black text looks on a background with the Hex color 75007B.



This preview shows how white text looks on a background with the Hex color 75007B.

# 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**  
6D3034

# Trichromacy



**Original Color**  
75007B



**Protanomaly**  
2B2A85



**Deuteranomaly**  
402C77



**Tritanomaly**  
701F4E

# Monochromacy



**Original Color**  
75007B



**Achromatopsia**  
313131



**Achromatomaly**  
4A1F4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75007B 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 #75007B looks like.

```
.text, #text, p{  
    color:#75007B  
}
```

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 #75007B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75007B
}
```

## Border

The CSS property to change the border of an element to Hex 75007B is called "border". The border property can be set on classes, ids or directly on the HTML element.

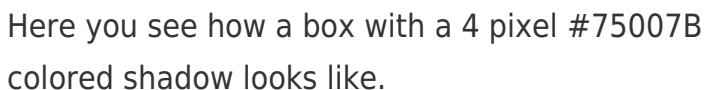
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75007B }
```

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

```
.border{ border-color:#75007B }
```

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



Here you see how a box with a 4 pixel `#75007B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75007B; -webkit-box-shadow:4px 4px  
4px 4px #75007B; box-shadow:4px 4px 4px  
4px #75007B }
```

# Background

The CSS property to change the background color of an element to Hex 75007B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75007B }
```

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

```
.background{ background-color:#75007B }
```

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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