

Converting Colors

Hex(73567B)

Have a look what the booklet for
Hex(73567B) contains.

Hex(73567B)	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(73567B)

Conversions

Conversions Part 1

Format	Color
Hex	73567B
RGB	115, 86, 123
RGB Percent	45%, 34%, 48%
CMY	0.5490, 0.6627, 0.5176
CMYK	0.07, 0.30, 0.00, 0.52
HSL	287°, 18%, 41%
HSV	287°, 30%, 48%
XYZ	13.9732, 11.7305, 20.2666
YIQ	98.8890, 5.4070, 17.6550

Conversions

Conversions Part 2

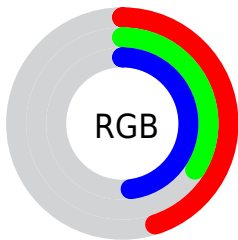
Format	Color
R_{YB}	115, 86, 123
Decimal	7558779
CIE _{Lab}	40.78, 19.13, -16.29
CIE _{LCh}	41, 25.124, 319.586
Yxy	11.7305, 0.3040, 0.2552
Android (android.graphics.Color)	4285748859 (0xFF73567B)
YUV	98.8890, 11.8867, 14.1293
Hunter-Lab	34.2498, 12.8870, -11.1088

Details

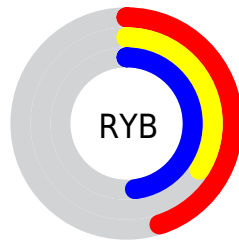
The Hex color **73567B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **5E7B56**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A788B0**, and **42284A** is the 20% darker color. If you saturate the color by 10%, you get **704A7B**, and if you desaturate by 10%, it is **76627B**.

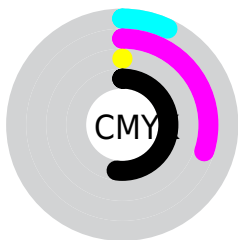
Distribution



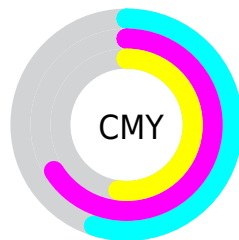
- Red (45%)
- Green (34%)
- Blue (48%)



- Red (45%)
- Yellow (34%)
- Blue (48%)



- Cyan (7%)
- Magenta (30%)
- Yellow (0%)
- Black (52%)



- Cyan (55%)
- Magenta (66%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73567B 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 73567B by changing the saturation by 10% instead.



73567B



73567B

FFFFFF



5A3E62



A788B0



42284A



C3A2CB



2B1333



DFBEE7



1A001F



FCD9FF



000001



FFF6FF



000000



73567B



73567B



704A7B



76627B



6E3D7B



786F7B

6B317B

7B7B7B

68257B

7E877B

66197B

80947B

630C7B

83A07B

60007B

86AC7B

88B87B

8BC57B

Harmonies

Analogous

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



585D87



73567B



845168

Triad

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



73567B



745C38



0E6B6D

Complementary

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



73567B



5E7B56

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.



2E6B58



73567B



606339

Square

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



73567B



825542



496845



0F697F

Rectangle

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



73567B



88505A



496845



196B66

Sweetspot

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



73567B



9E92A1



565E7B



504952



D1D1D1



525252

Same Dimension

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



73567B



9467A1



7B5671



3C373D



62007D



C600FC

Inverse Universe

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



7B565E



A16773



567B60



3D3738



7D001B



FC0037

Previews

White Background



This preview shows how the Hex color 73567B looks on a white background.

Color Contrast Check

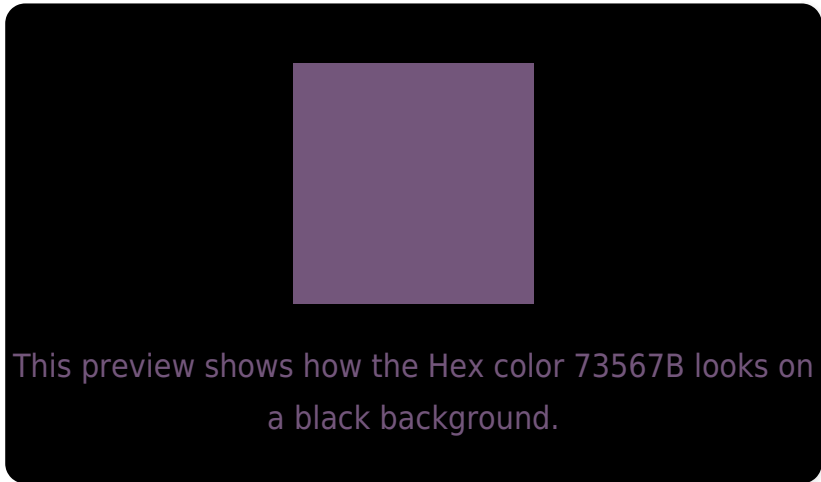
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

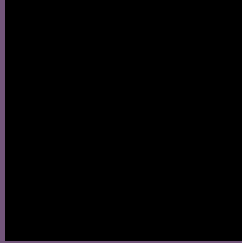
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 73567B Background



This preview shows how black text looks on a background with the Hex color 73567B.



This preview shows how white text looks on a background with the Hex color 73567B.

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
73567B

Protanopia
575F82

Deuteranopia
5D5F79



Tritanopia
6F5B62

Trichromacy



Original Color
73567B

Protanomaly
615C7F

Deuteranomaly
655C7A

Tritanomaly
70596B

Monochromacy



Original Color
73567B

Achromatopsia
636363

Achromatomaly
695E6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 73567B 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 #73567B looks like.

```
.text, #text, p{  
    color:#73567B  
}
```

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 #73567B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73567B
}
```

Border

The CSS property to change the border of an element to Hex 73567B is called "border". The border property can be set on classes, ids or directly on the HTML element.

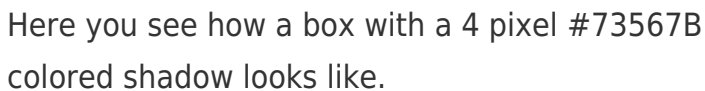
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73567B }
```

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

```
.border{ border-color:#73567B }
```

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



Here you see how a box with a 4 pixel `#73567B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73567B; -webkit-box-shadow:4px 4px  
4px 4px #73567B; box-shadow:4px 4px 4px  
4px #73567B }
```

Background

The CSS property to change the background color of an element to Hex 73567B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73567B }
```

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

```
.background{ background-color:#73567B }
```

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