

Converting Colors

Hex(44387B)

Have a look what the booklet for
Hex(44387B) contains.

Hex(44387B)	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(44387B)

Conversions

Conversions Part 1

Format	Color
Hex	44387B
RGB	68, 56, 123
RGB Percent	27%, 22%, 48%
CMY	0.7333, 0.7804, 0.5176
CMYK	0.45, 0.54, 0.00, 0.52
HSL	251°, 37%, 35%
HSV	251°, 54%, 48%
XYZ	7.3732, 5.4874, 19.4094
YIQ	67.2260, -14.3550, 23.3810

Conversions

Conversions Part 2

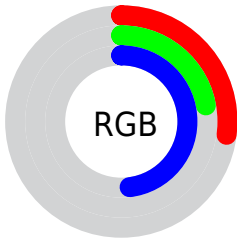
Format	Color
R_{YB}	68, 56, 123
Decimal	4470907
CIE _{Lab}	28.08, 23.24, -36.56
CIE _{LCh}	28, 43.321, 302.446
Yxy	5.4874, 0.2285, 0.1700
Android (android.graphics.Color)	4282660987 (0xFF44387B)
YUV	67.2260, 27.4966, 0.6788
Hunter-Lab	23.4251, 15.1903, -32.7286

Details

The Hex color **44387B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6F7B38**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7867B0**, and **0E0E49** is the 20% darker color. If you saturate the color by 10%, you get **3A2C7B**, and if you desaturate by 10%, it is **4E447B**.

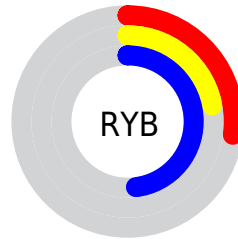
Distribution



Red (27%)

Green (22%)

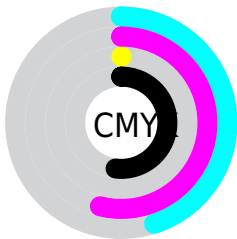
Blue (48%)



Red (27%)

Yellow (22%)

Blue (48%)

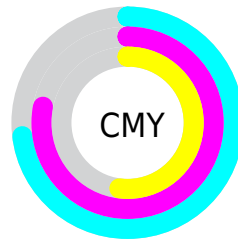


Cyan (45%)

Magenta (54%)

Yellow (0%)

Black (52%)



Cyan (73%)

Magenta (78%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44387B 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 44387B by changing the saturation by 10% instead.



44387B



44387B

FFFFFF



2A2262



7867B0



0E0E49



9280CC



000033



AE9BE8



00021C



CAB5FF



000000



E6D1FF



FFEDFF



44387B



44387B



3A2C7B



4E447B

■ 301F7B

■ 58517B

■ 26137B

■ 625D7B

■ 1C077B

■ 6C697B

■ 16007B

■ 76767B

■ 81827B

■ 8B8E7B

■ 959A7B

■ 9FA77B

Harmonies

Analogous

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



004685



44387B



6C2762

Triad

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



44387B



693400



005144

Complementary

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



44387B



6F7B38

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.



004F21



44387B



4F4200

Square

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



44387B



792521



2D4A00



005165

Rectangle

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



44387B



791E4C



2D4A00



005138

Sweetspot

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



44387B



8C87A1



38707B



454252



D1D1D1



525252

Same Dimension

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



44387B



4B38A1



65387B



38373D



16007D



2D00FC

Inverse Universe

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



7B386F



A1388E



4E7B38



3D373C



7D0067



FC00CF

Previews

White Background



This preview shows how the Hex color 44387B 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

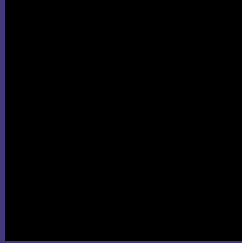
Any Text WCAG AA × Fail

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 44387B Background



This preview shows how black text looks on a background with the Hex color 44387B.

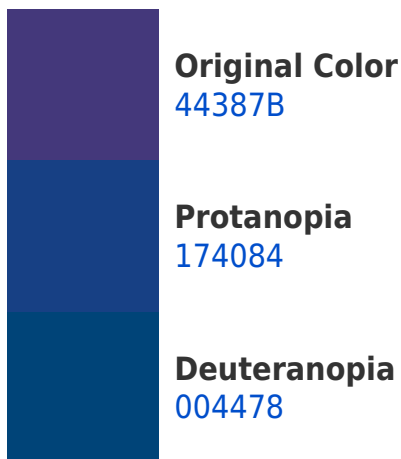


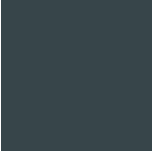
This preview shows how white text looks on a background with the Hex color 44387B.

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](#).

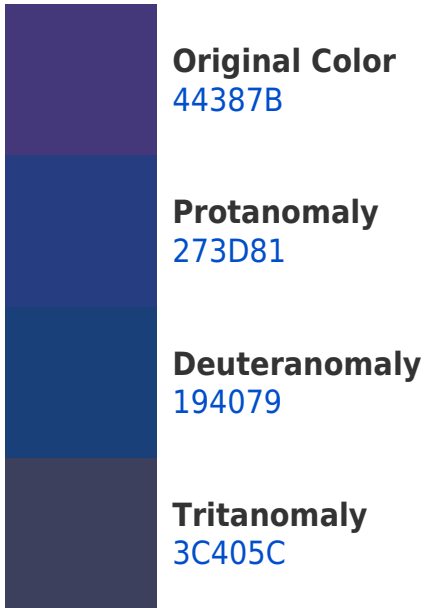
Dichromacy





Tritanopia
37454A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44387B 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 #44387B looks like.

```
.text, #text, p{  
    color:#44387B  
}
```

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 #44387B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44387B  
}
```

Border

The CSS property to change the border of an element to Hex 44387B 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".

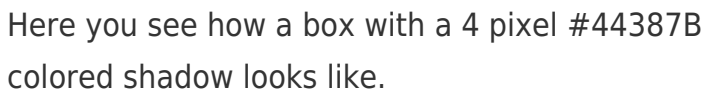
```
.border, #border, table{ border:4px solid  
#44387B }
```

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

```
.border{ border-color:#44387B }
```

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

Here you see how a box with a 4 pixel #44387B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44387B; -webkit-box-shadow:4px 4px  
4px 4px #44387B; box-shadow:4px 4px 4px  
4px #44387B }
```

Background

The CSS property to change the background color of an element to Hex 44387B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44387B }
```

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

```
.background{ background-color:#44387B }
```

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