

Converting Colors

Hex(43417B)

Have a look what the booklet for
Hex(43417B) contains.

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Color

Hex(43417B)

Conversions

Conversions Part 1

Format	Color
Hex	43417B
RGB	67, 65, 123
RGB Percent	26%, 25%, 48%
CMY	0.7373, 0.7451, 0.5176
CMYK	0.46, 0.47, 0.00, 0.52
HSL	242°, 31%, 37%
HSV	242°, 47%, 48%
XYZ	7.7802, 6.4039, 19.5649
YIQ	72.2100, -17.4260, 18.4620

Conversions

Conversions Part 2

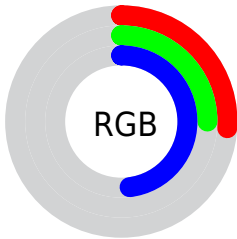
Format	Color
RYB	67, 65, 123
Decimal	4407675
CIELab	30.41, 17.06, -32.84
CIELCh	30, 37.007, 297.444
Yxy	6.4039, 0.2305, 0.1898
Android (android.graphics.Color)	4282597755 (0xFF43417B)
YUV	72.2100, 25.0395, -4.5692
Hunter-Lab	25.3060, 10.5932, -28.1248

Details

The Hex color **43417B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **797B41**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7671B0**, and **0E174A** is the 20% darker color. If you saturate the color by 10%, you get **37357B**, and if you desaturate by 10%, it is **4F4D7B**.

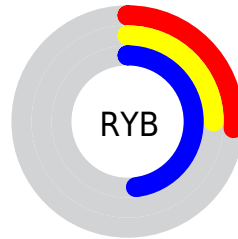
Distribution



Red (26%)

Green (25%)

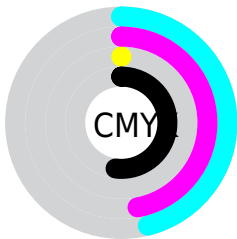
Blue (48%)



Red (26%)

Yellow (25%)

Blue (48%)

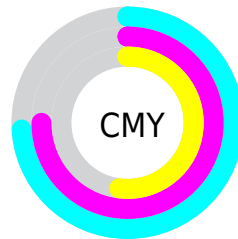


Cyan (46%)

Magenta (47%)

Yellow (0%)

Black (52%)



Cyan (74%)

Magenta (75%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43417B 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 43417B by changing the saturation by 10% instead.

■ 43417B

■ 43417B

FFFFFF

■ 2A2B62

■ 7671B0

■ 0E174A

■ 918ACC

■ 000033

■ ACA5E8

■ 00021D

■ C8C0FF

■ 000000

■ E4DBFF

■ FFF8FF

■ 43417B

■ 43417B

■ 37357B

■ 4F4D7B

■ 2B287B

■ 5B5A7B

■ 1F1C7B

■ 67667B

■ 13107B

■ 73727B

■ 08037B

■ 7E7E7B

■ 04007B

■ 8A8B7B

■ 96977B

■ A2A37B

■ AEB07B

Harmonies

Analogous

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



004C81



43417B



683467

Triad

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



43417B



6E3A16



005544

Complementary

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



43417B



797B41

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.



115327



43417B



584506

Square

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



43417B



7A2F2F



3C4E0F



005561

Rectangle

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



43417B



762E55



3C4E0F



00553A

Sweetspot

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



43417B



8B8AA1



41797B



444452



D1D1D1



525252

Same Dimension

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



43417B



4845A1



60417B



37373D



04007D



0900FC

Inverse Universe

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



7B4179



A1459D



5C7B41



3D373D



7D0079



FC00F4

Previews

White Background



This preview shows how the Hex color 43417B looks on a white background.

Color Contrast Check

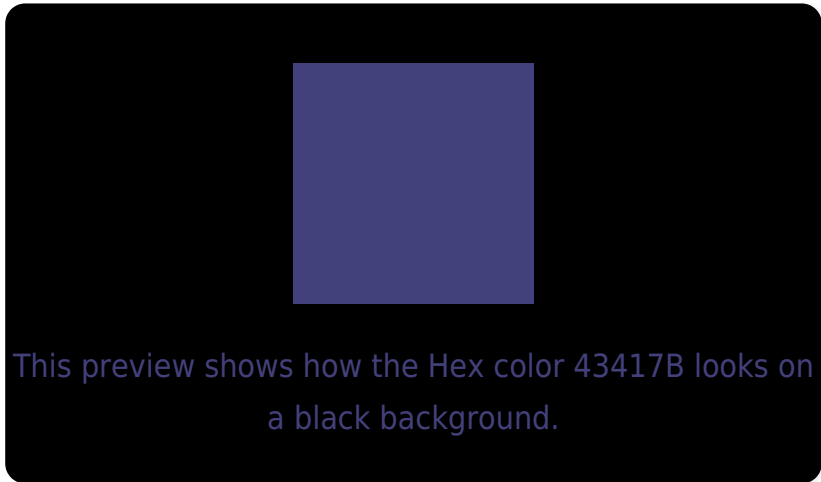
Large Text (above 18pt) WCAG AA ✓ Pass

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

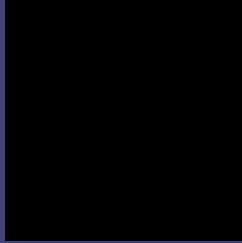
Any Text WCAG AA × Fail

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 43417B Background



This preview shows how black text looks on a background with the Hex color 43417B.



This preview shows how white text looks on a background with the Hex color 43417B.

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
43417B

Protanopia
2C4680

Deuteranopia
244879



Tritanopia
374B51

Trichromacy



Original Color
43417B

Protanomaly
34447E

Deuteranomaly
2F457A

Tritanomaly
3B4760

Monochromacy



Original Color
43417B

Achromatopsia
484848

Achromatomaly
46455B

CSS Examples

Text

The CSS property to change the color of the text to Hex 43417B 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 #43417B looks like.

```
.text, #text, p{  
    color:#43417B  
}
```

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 #43417B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43417B
}
```

Border

The CSS property to change the border of an element to Hex 43417B 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
#43417B }
```

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

```
.border{ border-color:#43417B }
```

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

Here you see how a box with a 4 pixel #43417B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43417B; -webkit-box-shadow:4px 4px  
4px 4px #43417B; box-shadow:4px 4px 4px  
4px #43417B }
```

Background

The CSS property to change the background color of an element to Hex 43417B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43417B }
```

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

```
.background{ background-color:#43417B }
```

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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