

Converting Colors

Hex(417E87)

Have a look what the booklet for
Hex(417E87) contains.

Hex(417E87)	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(417E87)

Conversions

Conversions Part 1

Format	Color
Hex	417E87
RGB	65, 126, 135
RGB Percent	25%, 49%, 53%
CMY	0.7451, 0.5059, 0.4706
CMYK	0.52, 0.07, 0.00, 0.47
HSL	188°, 35%, 39%
HSV	188°, 52%, 53%
XYZ	14.0140, 17.7948, 25.6178
YIQ	108.7870, -39.2450, -10.1330

Conversions

Conversions Part 2

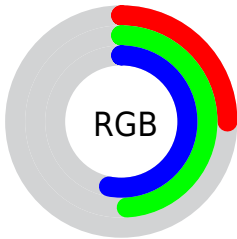
Format	Color
RYB	65, 98, 135
Decimal	4292231
CIELab	49.25, -17.09, -10.98
CIElCh	49, 20.309, 212.712
Yxy	17.7948, 0.2440, 0.3099
Android (android.graphics.Color)	4282482311 (0xFF417E87)
YUV	108.7870, 12.9230, -38.4012
Hunter-Lab	42.1839, -14.5219, -6.4774

Details

The Hex color **417E87** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **874A41**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **76B3BC**, and **004D55** is the 20% darker color. If you saturate the color by 10%, you get **337C87**, and if you desaturate by 10%, it is **4E8087**.

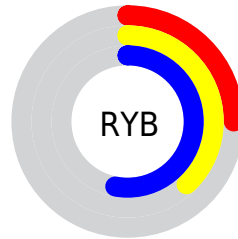
Distribution



Red (25%)

Green (49%)

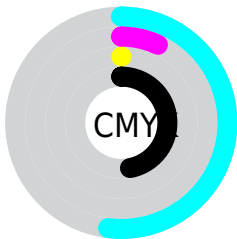
Blue (53%)



Red (25%)

Yellow (38%)

Blue (53%)

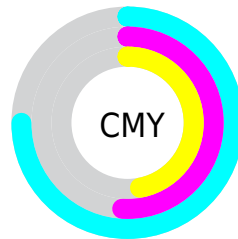


Cyan (52%)

Magenta (7%)

Yellow (0%)

Black (47%)



Cyan (75%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417E87 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 417E87 by changing the saturation by 10% instead.

■ 417E87

■ 417E87

FFFFFF

■ 25656E

■ 76B3BC

■ 004D55

■ 91CED8

■ 00363E

■ ADEBF4

■ 002128

■ C9FFFF

■ 000114

■ E6FFFF

■ 000000

■ 417E87

■ 417E87

■ 337C87

■ 4E8087

■ 267B87

■ 5C8187

187987

6A8387

0B7787

778587

007687

848787

928887

9F8A87

AD8C87

BB8E87

Harmonies

Analogous

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



487F76



417E87



4B7B93

Triad

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



417E87



8D6B85



807453

Complementary

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



417E87



874A41

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.



8F6F57



417E87



976874

Square

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



417E87



7A7092



976A63



6D7A58

Rectangle

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



417E87



5A7897



976A63



857253

Sweetspot

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



417E87



94ACB0



418749



485759



D9D9D9



595959

Same Dimension

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



417E87



43A2B0



415C87



3C4142



007182



000203

Inverse Universe

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



87417E



B043A2



876C41



423C41



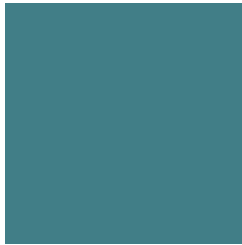
820071



030002

Previews

White Background



This preview shows how the Hex color 417E87 looks on a white background.

Color Contrast Check

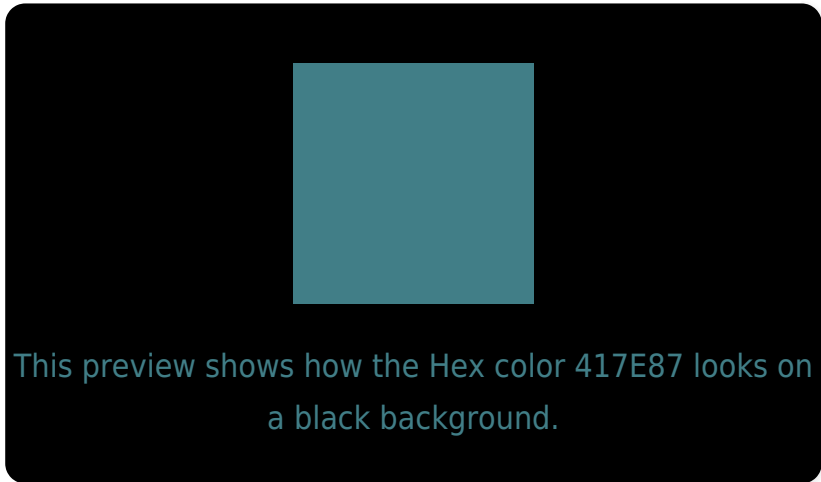
Large Text (above 18pt) WCAG AA ✓ Pass

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

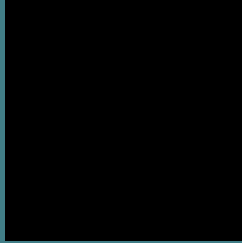
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 417E87 Background



This preview shows how black text looks on a background with the Hex color 417E87.

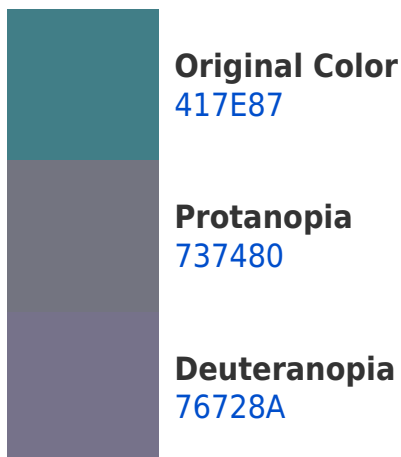


This preview shows how white text looks on a background with the Hex color 417E87.

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
417E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 417E87 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 #417E87 looks like.

```
.text, #text, p{  
    color:#417E87  
}
```

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 #417E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417E87
}
```

Border

The CSS property to change the border of an element to Hex 417E87 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
#417E87 }
```

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

```
.border{ border-color:#417E87 }
```

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

Here you see how a box with a 4 pixel #417E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417E87; -webkit-box-shadow:4px 4px  
4px 4px #417E87; box-shadow:4px 4px 4px  
4px #417E87 }
```

Background

The CSS property to change the background color of an element to Hex 417E87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417E87 }
```

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

```
.background{ background-color:#417E87 }
```

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