

Converting Colors

Hex(417B84)

Have a look what the booklet for
Hex(417B84) contains.

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Color

Hex(417B84)

Conversions

Conversions Part 1

Format	Color
Hex	417B84
RGB	65, 123, 132
RGB Percent	25%, 48%, 52%
CMY	0.7451, 0.5176, 0.4824
CMYK	0.51, 0.07, 0.00, 0.48
HSL	188°, 34%, 39%
HSV	188°, 51%, 52%
XYZ	13.4278, 16.9557, 24.3948
YIQ	106.6840, -37.4570, -9.4970

Conversions

Conversions Part 2

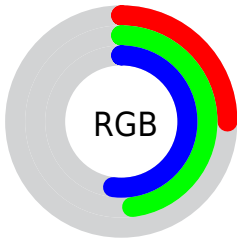
Format	Color
RYB	65, 96, 132
Decimal	4291460
CIELab	48.20, -16.33, -10.78
CIELCh	48, 19.566, 213.416
Yxy	16.9557, 0.2451, 0.3095
Android (android.graphics.Color)	4282481540 (0xFF417B84)
YUV	106.6840, 12.4808, -36.5569
Hunter-Lab	41.1773, -13.8519, -6.3014

Details

The Hex color **417B84** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **844A41**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **76B0B9**, and **024A53** is the 20% darker color. If you saturate the color by 10%, you get **347984**, and if you desaturate by 10%, it is **4E7D84**.

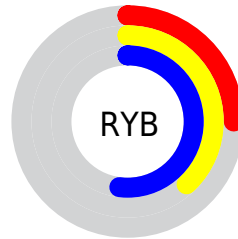
Distribution



Red (25%)

Green (48%)

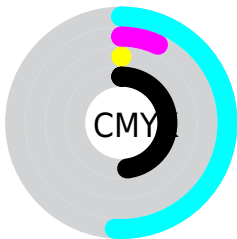
Blue (52%)



Red (25%)

Yellow (38%)

Blue (52%)

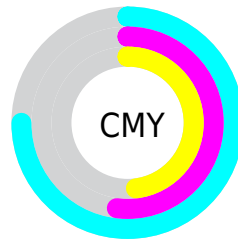


Cyan (51%)

Magenta (7%)

Yellow (0%)

Black (48%)



Cyan (75%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417B84 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 417B84 by changing the saturation by 10% instead.

 417B84

 417B84

FFFFFF

 26626B

 76B0B9

 024A53

 91CBD5

 00333C

 ACE7F1

 001F26

 C9FFFF

 000111

 E5FFFF

 000000

 417B84

 417B84

 347984

 4E7D84

 277784

 5B7F84

197684

698084

0C7484

768284

007284

838484

908684

9D8784

AB8984

B88B84

Harmonies

Analogous

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



477C74



417B84



4B788F

Triad

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



417B84



896982



7D7251

Complementary

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



417B84



844A41

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.



8B6C55



417B84



936671

Square

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



417B84



776E8E



936861



6B7757

Rectangle

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



417B84



597593



936861



827052

Sweetspot

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



417B84



91A7AB



41844A



475557



D6D6D6



575757

Same Dimension

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



417B84



439DAB



415A84



3C4142



007182



000203

Inverse Universe

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



84417B



AB439D



846B41



423C41



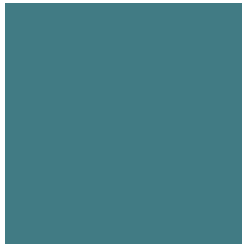
820071



030002

Previews

White Background



This preview shows how the Hex color 417B84 looks on a white background.

Color Contrast Check

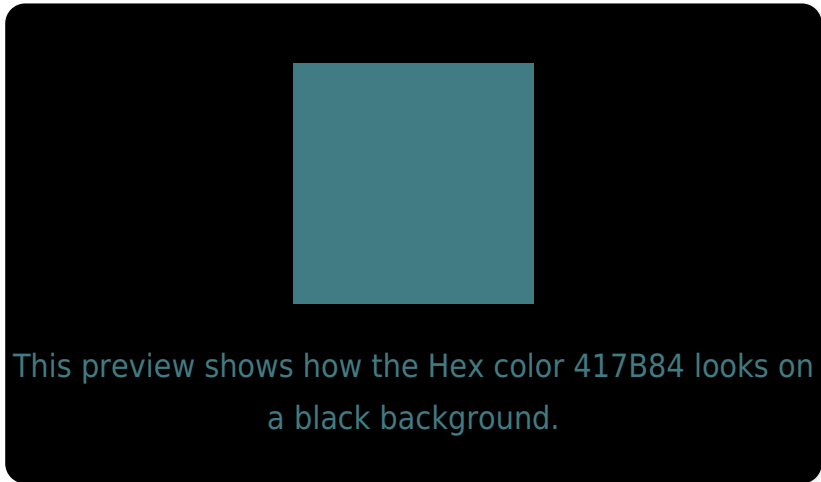
Large Text (above 18pt) WCAG AA ✓ Pass

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

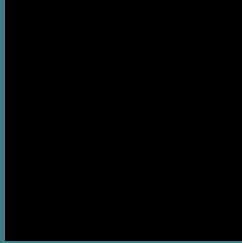
Any Text WCAG AA × Fail

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 417B84 Background



This preview shows how black text looks on a background with the Hex color 417B84.

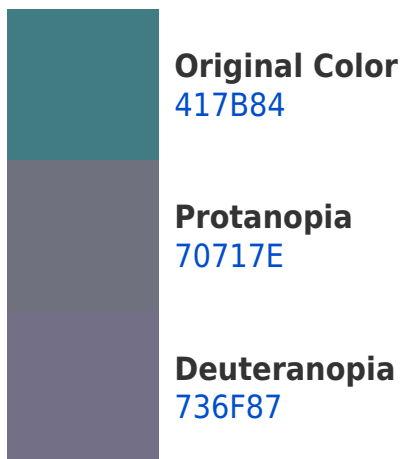


This preview shows how white text looks on a background with the Hex color 417B84.

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](#).

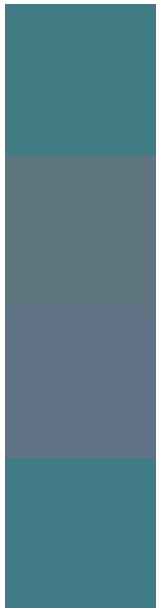
Dichromacy





Tritanopia
417B85

Trichromacy



Original Color
417B84

Protanomaly
5F7580

Deuteranomaly
617386

Tritanomaly
417B85

Monochromacy



Original Color
417B84

Achromatopsia
6B6B6B

Achromatomaly
5C7174

CSS Examples

Text

The CSS property to change the color of the text to Hex 417B84 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 #417B84 looks like.

```
.text, #text, p{  
    color:#417B84  
}
```

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 #417B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417B84
}
```

Border

The CSS property to change the border of an element to Hex 417B84 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
#417B84 }
```

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

```
.border{ border-color:#417B84 }
```

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

Here you see how a box with a 4 pixel #417B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417B84; -webkit-box-shadow:4px 4px  
4px 4px #417B84; box-shadow:4px 4px 4px  
4px #417B84 }
```

Background

The CSS property to change the background color of an element to Hex 417B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417B84 }
```

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

```
.background{ background-color:#417B84 }
```

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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