

Converting Colors

Hex(407C86)

Have a look what the booklet for
Hex(407C86) contains.

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Color

Hex(407C86)

Conversions

Conversions Part 1

Format	Color
Hex	407C86
RGB	64, 124, 134
RGB Percent	25%, 49%, 53%
CMY	0.7490, 0.5137, 0.4745
CMYK	0.52, 0.07, 0.00, 0.47
HSL	189°, 35%, 39%
HSV	189°, 52%, 53%
XYZ	13.6251, 17.2265, 25.1612
YIQ	107.2000, -38.9700, -9.6100

Conversions

Conversions Part 2

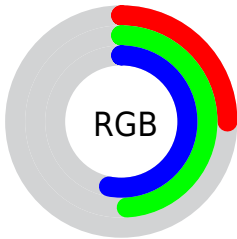
Format	Color
RYB	64, 96, 134
Decimal	4226182
CIELab	48.54, -16.53, -11.45
CIElCh	49, 20.105, 214.708
Yxy	17.2265, 0.2432, 0.3075
Android (android.graphics.Color)	4282416262 (0xFF407C86)
YUV	107.2000, 13.2124, -37.8864
Hunter-Lab	41.5048, -14.0361, -6.8896

Details

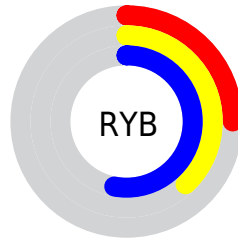
The Hex color **407C86** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **864A40**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **75B1BB**, and **004B54** is the 20% darker color. If you saturate the color by 10%, you get **337A86**, and if you desaturate by 10%, it is **4D7E86**.

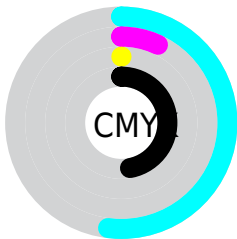
Distribution



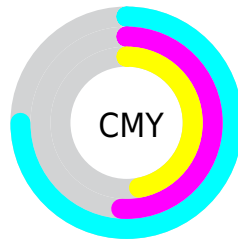
- Red (25%)
- Green (49%)
- Blue (53%)



- 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 407C86 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 407C86 by changing the saturation by 10% instead.

 407C86

 407C86

FFFFFF

 24636D

 75B1BB

 004B54

 90CCD7

 00343D

 ACE8F3

 001F27

 C8FFFF

 000113

 E5FFFF

 000000

 407C86

 407C86

 337A86

 4D7E86

 257886

 5B8086

■ 187686

■ 688286

■ 0A7486

■ 768486

■ 007386

■ 838686

■ 908786

■ 9E8986

■ AB8B86

■ B98D86

Harmonies

Analogous

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



467D75



407C86



4B7992

Triad

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



407C86



8B6982



7D7351

Complementary

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



407C86



864A40

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.



8C6D55



407C86



956771

Square

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



407C86



796E8F



956961



6A7857

Rectangle

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



407C86



5A7695



956961



827152

Sweetspot

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



407C86



92A9AD



408649



465457



D6D6D6



575757

Same Dimension

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



407C86



409EAD



405A86



3C4142



006F82



000203

Inverse Universe

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



86407C



AD409E



866C40



423C41



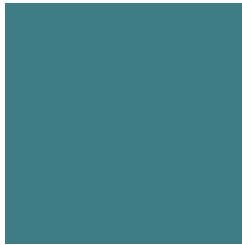
82006F



030002

Previews

White Background



This preview shows how the Hex color 407C86 looks on a white background.

Color Contrast Check

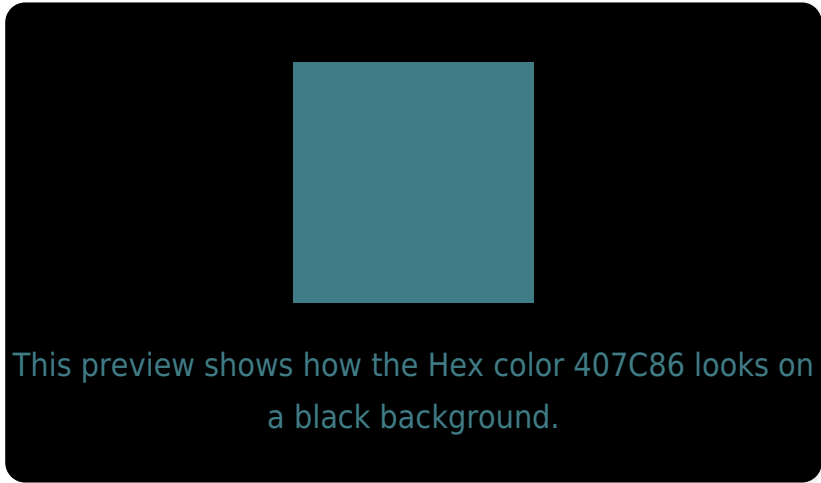
Large Text (above 18pt) WCAG AA ✓ Pass

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

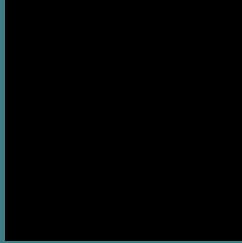
Any Text WCAG AA × Fail

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 407C86 Background



This preview shows how black text looks on a background with the Hex color 407C86.

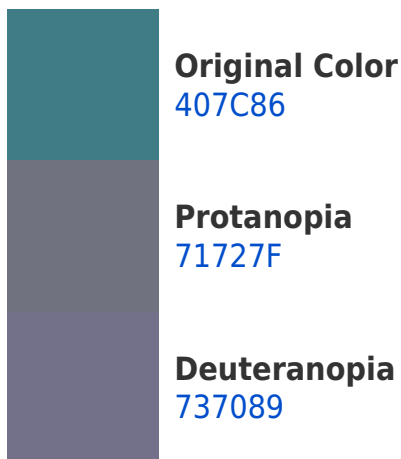



This preview shows how white text looks on a background with the Hex color 407C86.

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
407C86

Trichromacy



Original Color
407C86

Protanomaly
5F7682

Deuteranomaly
607488

Tritanomaly
407C86

Monochromacy



Original Color
407C86

Achromatopsia
6B6B6B

Achromatomaly
5B7175

CSS Examples

Text

The CSS property to change the color of the text to Hex 407C86 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 #407C86 looks like.

```
.text, #text, p{  
    color:#407C86  
}
```

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 #407C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407C86
}
```

Border

The CSS property to change the border of an element to Hex 407C86 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
#407C86 }
```

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

```
.border{ border-color:#407C86 }
```

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

Here you see how a box with a 4 pixel #407C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407C86; -webkit-box-shadow:4px 4px  
4px 4px #407C86; box-shadow:4px 4px 4px  
4px #407C86 }
```

Background

The CSS property to change the background color of an element to Hex 407C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407C86 }
```

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

```
.background{ background-color:#407C86 }
```

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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