

Converting Colors

Hex(407860)

Have a look what the booklet for
Hex(407860) contains.

Hex(407860)	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(407860)

Conversions

Conversions Part 1

Format	Color
Hex	407860
RGB	64, 120, 96
RGB Percent	25%, 47%, 38%
CMY	0.7490, 0.5294, 0.6235
CMYK	0.47, 0.00, 0.20, 0.53
HSL	154°, 30%, 36%
HSV	154°, 47%, 47%
XYZ	10.9421, 15.3675, 13.4558
YIQ	100.5200, -25.6720, -19.3360

Conversions

Conversions Part 2

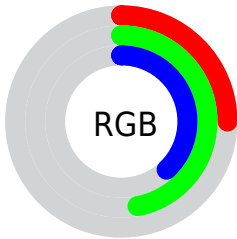
Format	Color
RYB	64, 100, 120
Decimal	4225120
CIELab	46.13, -24.58, 7.51
CIELCh	46, 25.703, 163.019
Yxy	15.3675, 0.2752, 0.3865
Android (android.graphics.Color)	4282415200 (0xFF407860)
YUV	100.5200, -2.2284, -32.0280
Hunter-Lab	39.2014, -18.7782, 7.0897

Details

The Hex color **407860** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784058**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **73AD93**, and **0A4732** is the 20% darker color. If you saturate the color by 10%, you get **34785B**, and if you desaturate by 10%, it is **4C7865**.

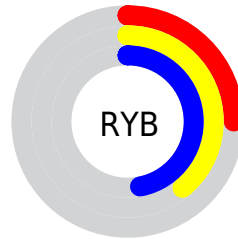
Distribution



Red (25%)

Green (47%)

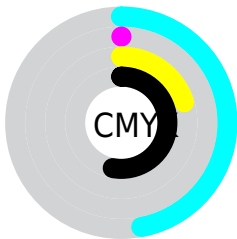
Blue (38%)



Red (25%)

Yellow (39%)

Blue (47%)

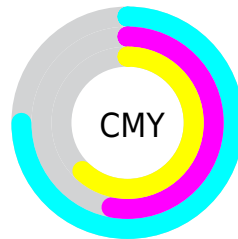


Cyan (47%)

Magenta (0%)

Yellow (20%)

Black (53%)



Cyan (75%)

Magenta (53%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407860 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 407860 by changing the saturation by 10% instead.



407860



407860

FFFFFF



275F48



73AD93



0A4732



8EC8AD



00301D



A9E4C8



001D03



C4FFE5



000000



E1FFFF

FEFFFF



407860



407860



34785B



4C7865

■ 287856

■ 58786A

■ 1C7851

■ 64786F

■ 10784B

■ 707875

■ 047846

■ 7C787A

■ 007845

■ 88787F

■ 947884

■ A07889

■ AC788E

Harmonies

Analogous

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



5A754D



407860



257976

Triad

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



407860



5E6C97



946151

Complementary

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



407860



784058

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.



985D65



407860



7C648D

Square

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



407860



3B7396



905E7A



866844

Rectangle

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



407860



1B7884



905E7A



965F57

Sweetspot

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



407860



869C92



587840



424F49



CFCFCF



4F4F4F

Same Dimension

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



407860



449C76



407478



373D3B



007D47



00FC90

Inverse Universe

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



784058



9C446A



784440



3D373A



7D0036



FC006C

Previews

White Background



This preview shows how the Hex color 407860 looks on a white background.

Color Contrast Check

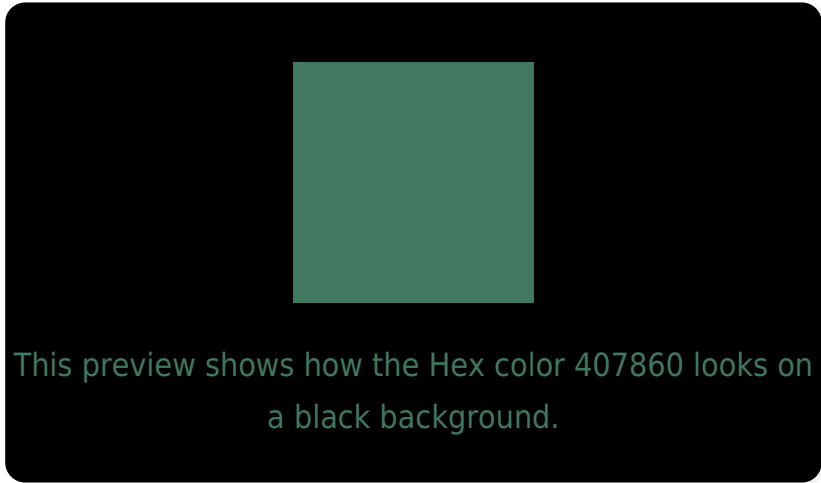
Large Text (above 18pt) WCAG AA ✓ Pass

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

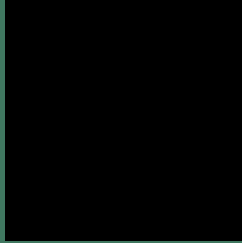
Any Text WCAG AA × Fail

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 407860 Background



This preview shows how black text looks on a background with the Hex color 407860.

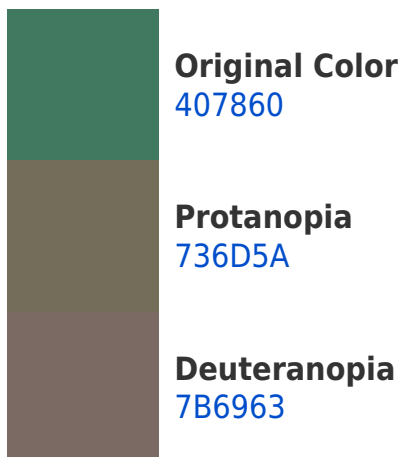


This preview shows how white text looks on a background with the Hex color 407860.

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



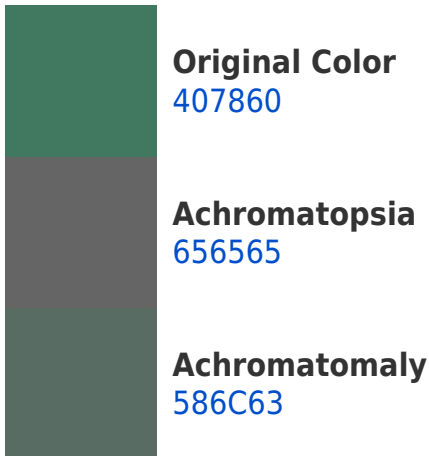


Tritanopia
48747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 407860 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 #407860 looks like.

```
.text, #text, p{  
    color:#407860  
}
```

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 #407860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407860
}
```

Border

The CSS property to change the border of an element to Hex 407860 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
#407860 }
```

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

```
.border{ border-color:#407860 }
```

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

Here you see how a box with a 4 pixel #407860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407860; -webkit-box-shadow:4px 4px  
4px 4px #407860; box-shadow:4px 4px 4px  
4px #407860 }
```

Background

The CSS property to change the background color of an element to Hex 407860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407860 }
```

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

```
.background{ background-color:#407860 }
```

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