

Converting Colors

Hex(407863)

Have a look what the booklet for
Hex(407863) contains.

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Color

Hex(407863)

Conversions

Conversions Part 1

Format	Color
Hex	407863
RGB	64, 120, 99
RGB Percent	25%, 47%, 39%
CMY	0.7490, 0.5294, 0.6118
CMYK	0.47, 0.00, 0.18, 0.53
HSL	158°, 30%, 36%
HSV	158°, 47%, 47%
XYZ	11.0830, 15.4238, 14.1973
YIQ	100.8620, -26.6350, -18.4030

Conversions

Conversions Part 2

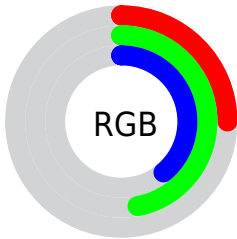
Format	Color
RYB	64, 98, 120
Decimal	4225123
CIELab	46.21, -23.87, 5.84
CIELCh	46, 24.574, 166.252
Yxy	15.4238, 0.2723, 0.3789
Android (android.graphics.Color)	4282415203 (0xFF407863)
YUV	100.8620, -0.9180, -32.3280
Hunter-Lab	39.2731, -18.3549, 6.0577

Details

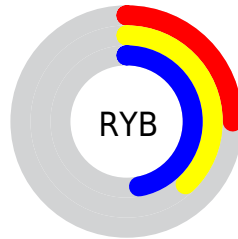
The Hex color **407863** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784055**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **73AD96**, and **0A4735** is the 20% darker color. If you saturate the color by 10%, you get **34785E**, and if you desaturate by 10%, it is **4C7867**.

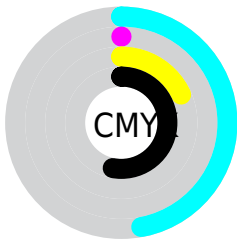
Distribution



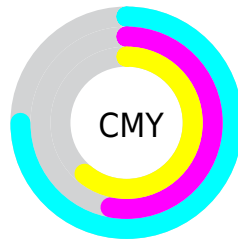
- Red (25%)
- Green (47%)
- Blue (39%)



- Red (25%)
- Yellow (38%)
- Blue (47%)



- Cyan (47%)
- Magenta (0%)
- Yellow (18%)
- Black (53%)



- Cyan (75%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407863 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 407863 by changing the saturation by 10% instead.



407863



407863

FFFFFF



275F4B



73AD96



0A4735



8EC8B0



00301F



A9E4CC



001D07



C5FFE8



000000



E1FFFF

FEFFFF



407863



407863



34785E



4C7867

■ 28785A

■ 58786C

■ 1C7856

■ 647870

■ 107851

■ 707875

■ 04784D

■ 7C7879

■ 00784B

■ 88787E

■ 947882

■ A07887

■ AC788B

Harmonies

Analogous

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



597550



407863



297978

Triad

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



407863



626C95



926251

Complementary

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



407863



784055

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.



965E63



407863



7E648A

Square

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



407863



427295



905F78



846946

Rectangle

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



407863



247885



905F78



946056

Sweetspot

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



407863



869C93



557840



424F4A



CFCFCF



4F4F4F

Same Dimension

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



407863



449C7B



407178



373D3B



007D4E



00FC9E

Inverse Universe

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



784055



9C4465



784740



3D3739



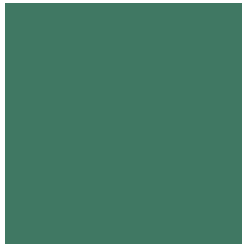
7D002F



FC005F

Previews

White Background



This preview shows how the Hex color 407863 looks on a white background.

Color Contrast Check

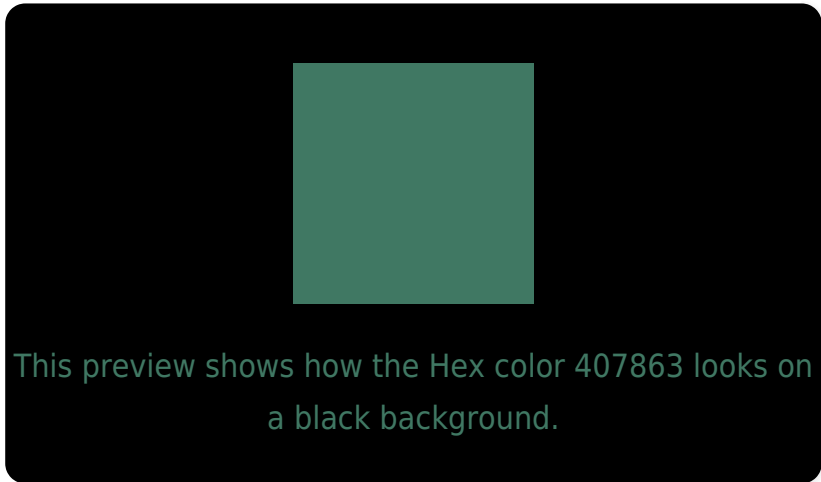
Large Text (above 18pt) WCAG AA ✓ Pass

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

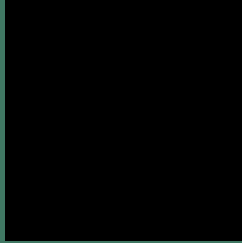
Any Text WCAG AA × Fail

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 407863 Background



This preview shows how black text looks on a background with the Hex color 407863.

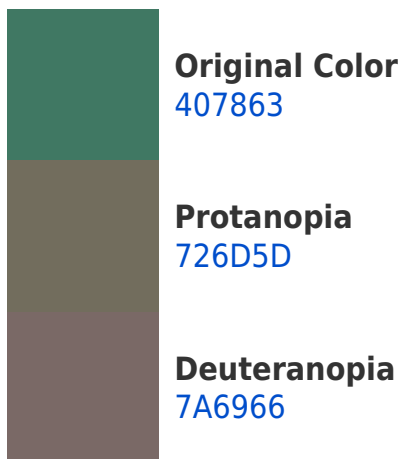


This preview shows how white text looks on a background with the Hex color 407863.

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
47747E

Trichromacy



Original Color
407863

Protanomaly
60715F

Deuteranomaly
656E65

Tritanomaly
447574

Monochromacy



Original Color
407863

Achromatopsia
656565

Achromatomaly
586C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 407863 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 #407863 looks like.

```
.text, #text, p{  
    color:#407863  
}
```

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 #407863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407863
}
```

Border

The CSS property to change the border of an element to Hex 407863 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".

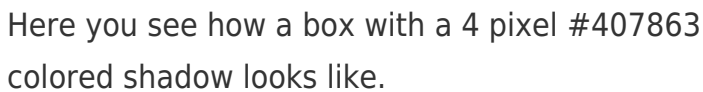
```
.border, #border, table{ border:4px solid
#407863 }
```

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

```
.border{ border-color:#407863 }
```

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

Here you see how a box with a 4 pixel #407863 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407863; -webkit-box-shadow:4px 4px  
4px 4px #407863; box-shadow:4px 4px 4px  
4px #407863 }
```

Background

The CSS property to change the background color of an element to Hex 407863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407863 }
```

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

```
.background{ background-color:#407863 }
```

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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