

Converting Colors

Hex(407B63)

Have a look what the booklet for
Hex(407B63) contains.

Hex(407B63)	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(407B63)

Conversions

Conversions Part 1

Format	Color
Hex	407B63
RGB	64, 123, 99
RGB Percent	25%, 48%, 39%
CMY	0.7490, 0.5176, 0.6118
CMYK	0.48, 0.00, 0.20, 0.52
HSL	156°, 32%, 37%
HSV	156°, 48%, 48%
XYZ	11.4494, 16.1568, 14.3195
YIQ	102.6230, -27.4600, -19.9720

Conversions

Conversions Part 2

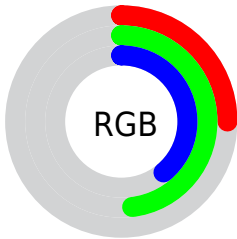
Format	Color
RYB	64, 101, 123
Decimal	4225891
CIELab	47.18, -25.39, 7.22
CIELCh	47, 26.396, 164.120
Yxy	16.1568, 0.2731, 0.3854
Android (android.graphics.Color)	4282415971 (0xFF407B63)
YUV	102.6230, -1.7861, -33.8724
Hunter-Lab	40.1955, -19.4974, 7.0150

Details

The Hex color **407B63** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B4058**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **73B096**, and **084A34** is the 20% darker color. If you saturate the color by 10%, you get **347B5E**, and if you desaturate by 10%, it is **4C7B68**.

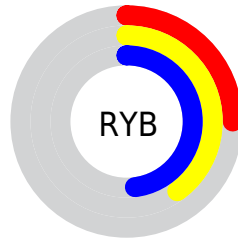
Distribution



Red (25%)

Green (48%)

Blue (39%)



Red (25%)

Yellow (40%)

Blue (48%)

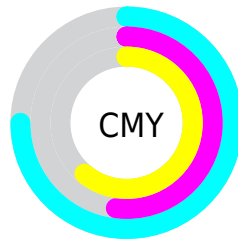


Cyan (48%)

Magenta (0%)

Yellow (20%)

Black (52%)



Cyan (75%)

Magenta (52%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407B63 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 407B63 by changing the saturation by 10% instead.

 407B63

 407B63


FFFFFF

 26624B

 73B096

 084A34

 8ECBB0

 00331F

 A9E8CC

 001F07

 C5FFE8

 000000

 E2FFFF

 407B63

 407B63

 347B5E

 4C7B68

 277B59

 597B6D

■ 1B7B54

■ 657B72

■ 0F7B4F

■ 717B77

■ 027B4A

■ 7E7B7C

■ 007B49

■ 8A7B81

■ 967B86

■ A27B8B

■ AF7B90

Harmonies

Analogous

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



5B784F



407B63



247C7A

Triad

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



407B63



616E9B



976352

Complementary

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



407B63



7B4058

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.



9C5F66



407B63



806690

Square

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



407B63



3D759A



94607D



896A45

Rectangle

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



407B63



1A7B88



94607D



9A6158

Sweetspot

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



407B63



8AA198



597B40



44524C



D1D1D1



525252

Same Dimension

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



407B63



43A17B



40767B



373D3B



007D4A



00FC96

Inverse Universe

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



7B4058



A14369



7B4540



3D373A



7D0033



FC0067

Previews

White Background



This preview shows how the Hex color 407B63 looks on a white background.

Color Contrast Check

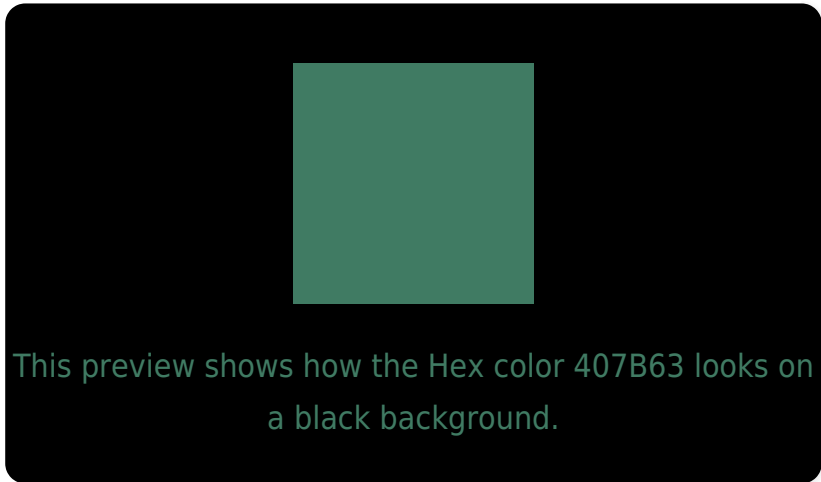
Large Text (above 18pt) WCAG AA ✓ Pass

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

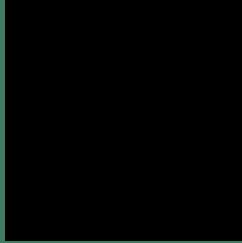
Any Text WCAG AA × Fail

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 407B63 Background



This preview shows how black text looks on a background with the Hex color 407B63.



This preview shows how white text looks on a background with the Hex color 407B63.

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



Original Color
407B63

Protanopia
756F5D

Deuteranopia
7D6B66



Tritanopia
487781

Trichromacy



Original Color
407B63

Protanomaly
62735F

Deuteranomaly
677165

Tritanomaly
457876

Monochromacy



Original Color
407B63

Achromatopsia
676767

Achromatomaly
596E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 407B63 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 #407B63 looks like.

```
.text, #text, p{  
    color:#407B63  
}
```

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 #407B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407B63
}
```

Border

The CSS property to change the border of an element to Hex 407B63 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
#407B63 }
```

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

```
.border{ border-color:#407B63 }
```

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

Here you see how a box with a 4 pixel #407B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407B63; -webkit-box-shadow:4px 4px  
4px 4px #407B63; box-shadow:4px 4px 4px  
4px #407B63 }
```

Background

The CSS property to change the background color of an element to Hex 407B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407B63 }
```

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

```
.background{ background-color:#407B63 }
```

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