

Converting Colors

Hex(407B48)

Have a look what the booklet for
Hex(407B48) contains.

Hex(407B48)	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(407B48)

Conversions

Conversions Part 1

Format	Color
Hex	407B48
RGB	64, 123, 72
RGB Percent	25%, 48%, 28%
CMY	0.7490, 0.5176, 0.7176
CMYK	0.48, 0.00, 0.41, 0.52
HSL	128°, 32%, 37%
HSV	128°, 48%, 48%
XYZ	10.3670, 15.7238, 8.6195
YIQ	99.5450, -18.7930, -28.3690

Conversions

Conversions Part 2

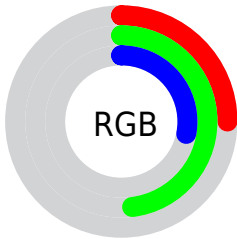
Format	Color
R _Y B	64, 116, 123
Decimal	4225864
CIE Lab	46.61, -30.97, 22.07
CIE LCh	47, 38.035, 144.527
Yxy	15.7238, 0.2987, 0.4530
Android (android.graphics.Color)	4282415944 (0xFF407B48)
YUV	99.5450, -13.5797, -31.1730
Hunter-Lab	39.6532, -22.7258, 14.8693

Details

The Hex color **407B48** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7B4073**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **74B079**, and **08491B** is the 20% darker color. If you saturate the color by 10%, you get **347B3D**, and if you desaturate by 10%, it is **4C7B53**.

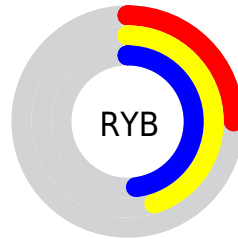
Distribution



Red (25%)

Green (48%)

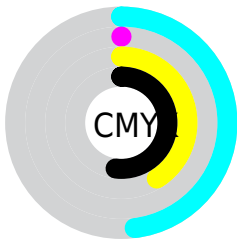
Blue (28%)



Red (25%)

Yellow (45%)

Blue (48%)

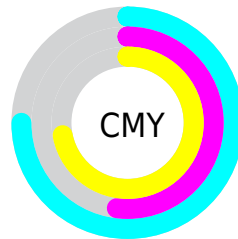


Cyan (48%)

Magenta (0%)

Yellow (41%)

Black (52%)



Cyan (75%)

Magenta (52%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407B48 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 407B48 by changing the saturation by 10% instead.

 407B48

 407B48

FFFFFF

 266231

 74B079

 08491B

 8ECC93

 003203

 A9E8AE

 001F00

 C5FFC9

 000000

 E2FFE6

 407B48

 407B48

 347B3D

 4C7B53


 277B33

 597B5D

 1B7B28

 657B68

 0F7B1D

 717B73

 027B13

 7E7B7D

 007B11

 8A7B88

 967B92

 A27B9D

 AF7BA8

Harmonies

Analogous

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



677532



407B48



007E67

Triad

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



407B48



1E74AE



AA5556

Complementary

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



407B48



7B4073

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.



A65476



407B48



6768A9

Square

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



407B48



007BA2



905C94



9E5F3B

Rectangle

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



407B48



007F7D



905C94



AA5460

Sweetspot

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



407B48



8AA18D



737B40



445246



D1D1D1



525252

Same Dimension

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



407B48



43A150



407B65



373D38



007D11



00FC22

Inverse Universe

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



7B4073



A14394



7B4056



3D373C



7D006C



FC00DA

Previews

White Background



This preview shows how the Hex color 407B48 looks on a white background.

Color Contrast Check

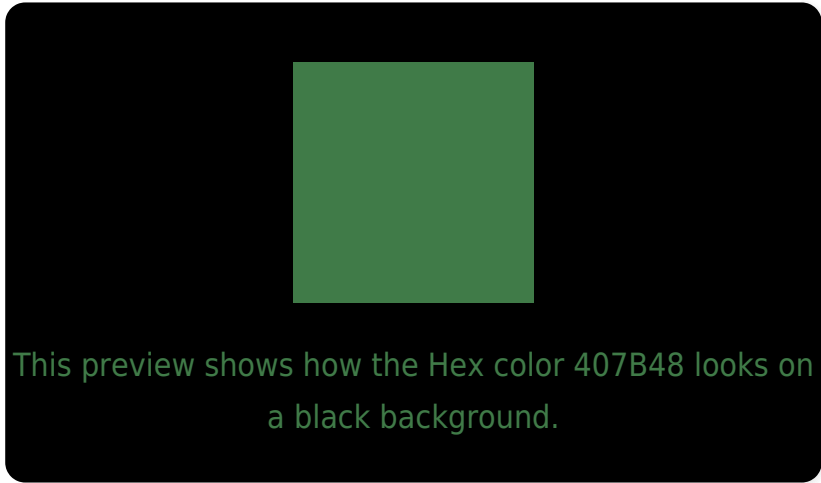
Large Text (above 18pt) WCAG AA ✓ Pass

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 407B48 Background



This preview shows how black text looks on a background with the Hex color 407B48.



This preview shows how white text looks on a background with the Hex color 407B48.

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
407B48

Protanopia
786E43

Deuteranopia
83694C



Tritanopia
4C757E

Trichromacy



Original Color
407B48

Protanomaly
647345

Deuteranomaly
6B704B

Tritanomaly
48776A

Monochromacy



Original Color
407B48

Achromatopsia
646464

Achromatomaly
576C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 407B48 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 #407B48 looks like.

```
.text, #text, p{  
    color:#407B48  
}
```

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 #407B48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407B48
}
```

Border

The CSS property to change the border of an element to Hex 407B48 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
#407B48 }
```

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

```
.border{ border-color:#407B48 }
```

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

Here you see how a box with a 4 pixel #407B48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407B48; -webkit-box-shadow:4px 4px  
4px 4px #407B48; box-shadow:4px 4px 4px  
4px #407B48 }
```

Background

The CSS property to change the background color of an element to Hex 407B48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407B48 }
```

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

```
.background{ background-color:#407B48 }
```

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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