

Converting Colors

Hex(407C58)

Have a look what the booklet for
Hex(407C58) contains.

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Color

Hex(407C58)

Conversions

Conversions Part 1

Format	Color
Hex	407C58
RGB	64, 124, 88
RGB Percent	25%, 49%, 35%
CMY	0.7490, 0.5137, 0.6549
CMYK	0.48, 0.00, 0.29, 0.51
HSL	144°, 32%, 37%
HSV	144°, 48%, 49%
XYZ	11.0835, 16.2099, 11.7772
YIQ	101.9560, -24.2040, -23.9160

Conversions

Conversions Part 2

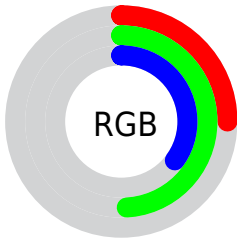
Format	Color
R _Y B	64, 107, 124
Decimal	4226136
CIE Lab	47.25, -28.35, 13.76
CIE LCh	47, 31.509, 154.112
Yxy	16.2099, 0.2837, 0.4149
Android (android.graphics.Color)	4282416216 (0xFF407C58)
YUV	101.9560, -6.8803, -33.2874
Hunter-Lab	40.2615, -21.3189, 10.8397

Details

The Hex color **407C58** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7C4064**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **73B18A**, and **084A2A** is the 20% darker color. If you saturate the color by 10%, you get **347C51**, and if you desaturate by 10%, it is **4C7C5F**.

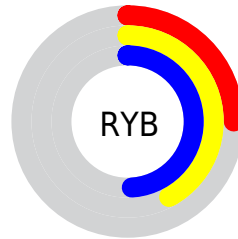
Distribution



Red (25%)

Green (49%)

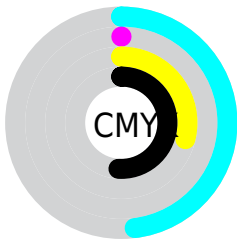
Blue (35%)



Red (25%)

Yellow (42%)

Blue (49%)

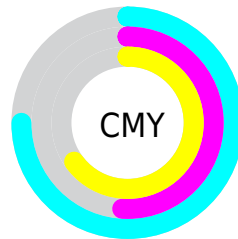


Cyan (48%)

Magenta (0%)

Yellow (29%)

Black (51%)



Cyan (75%)

Magenta (51%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407C58 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 407C58 by changing the saturation by 10% instead.



407C58



407C58

FFFFFF



266341



73B18A



084A2A



8ECDA4



003315



A9E9C0



002000



C5FFDB



000000



E2FFF8



407C58



407C58



347C51



4C7C5F



277C49



597C67

 1B7C42

 657C6E

 0E7C3A

 727C76

 027C33

 7E7C7D

 007C32

 8A7C85

 977C8C

 A37C94

 B07C9B

Harmonies

Analogous

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



617743



407C58



0A7E73

Triad

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



407C58



4D72A5



A15E54

Complementary

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



407C58



7C4064

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.



A25B6D



407C58



77689C

Square

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



407C58



07799F



945F88



936641

Rectangle

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



407C58



007E85



945F88



A35C5C

Sweetspot

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



407C58



89A192



647C40



435249



D1D1D1



525252

Same Dimension

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



407C58



43A169



407C76



373D3A



007D32



00FC65

Inverse Universe

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



7C4064



A1437B



7C4046



3D373B



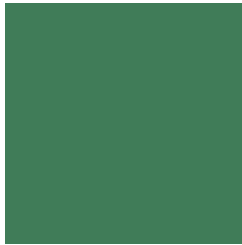
7D004B



FC0097

Previews

White Background



This preview shows how the Hex color 407C58 looks on a white background.

Color Contrast Check

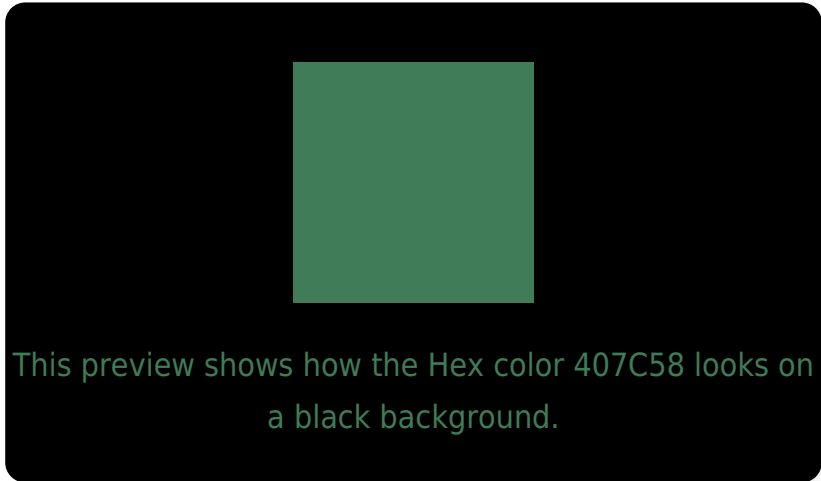
Large Text (above 18pt) WCAG AA ✓ Pass

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

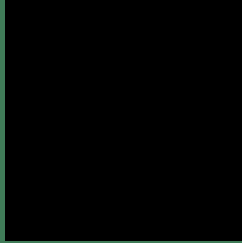
Any Text WCAG AA × Fail

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 407C58 Background



This preview shows how black text looks on a background with the Hex color 407C58.

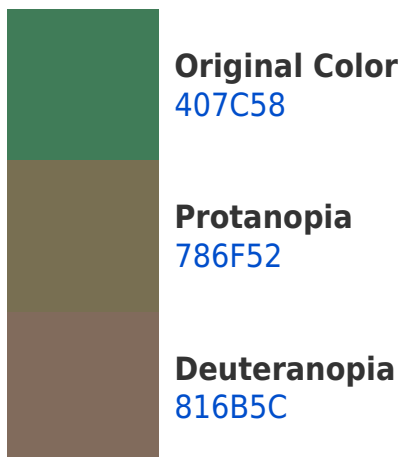


This preview shows how white text looks on a background with the Hex color 407C58.

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
4A7780

Trichromacy



Original Color
407C58

Protanomaly
647454

Deuteranomaly
69715B

Tritanomaly
467971

Monochromacy



Original Color
407C58

Achromatopsia
666666

Achromatomaly
586E61

CSS Examples

Text

The CSS property to change the color of the text to Hex 407C58 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 #407C58 looks like.

```
.text, #text, p{  
    color:#407C58  
}
```

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 #407C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407C58  
}
```

Border

The CSS property to change the border of an element to Hex 407C58 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".

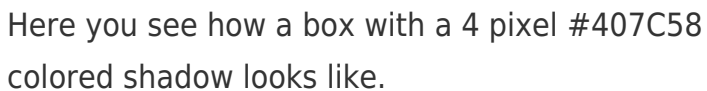
```
.border, #border, table{ border:4px solid  
#407C58 }
```

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

```
.border{ border-color:#407C58 }
```

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

Here you see how a box with a 4 pixel #407C58 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407C58; -webkit-box-shadow:4px 4px  
4px 4px #407C58; box-shadow:4px 4px 4px  
4px #407C58 }
```

Background

The CSS property to change the background color of an element to Hex 407C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407C58 }
```

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

```
.background{ background-color:#407C58 }
```

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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