

Converting Colors

Hex(407F5A)

Have a look what the booklet for
Hex(407F5A) contains.

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Color

Hex(407F5A)

Conversions

Conversions Part 1

Format	Color
Hex	407F5A
RGB	64, 127, 90
RGB Percent	25%, 50%, 35%
CMY	0.7490, 0.5020, 0.6471
CMYK	0.50, 0.00, 0.29, 0.50
HSL	145°, 33%, 37%
HSV	145°, 50%, 50%
XYZ	11.5492, 17.0069, 12.3468
YIQ	103.9450, -25.6710, -24.8630

Conversions

Conversions Part 2

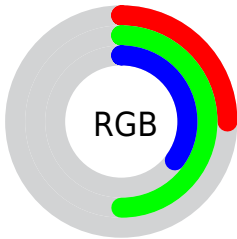
Format	Color
RYB	64, 109, 127
Decimal	4226906
CIELab	48.27, -29.37, 14.00
CIELCh	48, 32.537, 154.507
Yxy	17.0069, 0.2824, 0.4158
Android (android.graphics.Color)	4282416986 (0xFF407F5A)
YUV	103.9450, -6.8749, -35.0318
Hunter-Lab	41.2394, -22.1798, 11.1166

Details

The Hex color **407F5A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F4065**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **74B48C**, and **064D2C** is the 20% darker color. If you saturate the color by 10%, you get **337F53**, and if you desaturate by 10%, it is **4D7F61**.

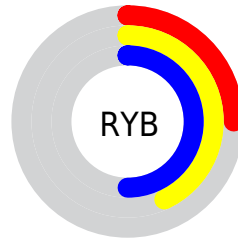
Distribution



Red (25%)

Green (50%)

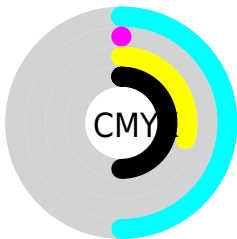
Blue (35%)



Red (25%)

Yellow (43%)

Blue (50%)

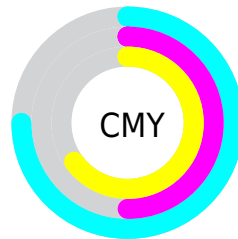


Cyan (50%)

Magenta (0%)

Yellow (29%)

Black (50%)



Cyan (75%)

Magenta (50%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407F5A 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 407F5A by changing the saturation by 10% instead.



407F5A



407F5A

FFFFFF



266642



74B48C



064D2C



8ED0A7



003617



AAECC2



002200



C6FFDE



000000



E2FFFA



407F5A



407F5A



337F53



4D7F61



277F4B



597F69

 1A7F44

 667F70

 0D7F3C

 737F78

 007F35

 807F7F

 007F34

 8C7F87

 997F8E

 A67F96

 B27F9D

Harmonies

Analogous

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



637A44



407F5A



018176

Triad

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



407F5A



4F74A9



A56055

Complementary

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



407F5A



7F4065

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.



A65C6F



407F5A



7B6AA0

Square

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



407F5A



007CA4



98608B



976941

Rectangle

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



407F5A



008188



98608B



A75E5D

Sweetspot

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



407F5A



8DA697



667F40



45544B



D4D4D4



545454

Same Dimension

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



407F5A



42A66B



407F79



39403C



008035



000000

Inverse Universe

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



7F4065



A6427D



7F4046



40393D



80004B



000000

Previews

White Background



This preview shows how the Hex color 407F5A looks on a white background.

Color Contrast Check

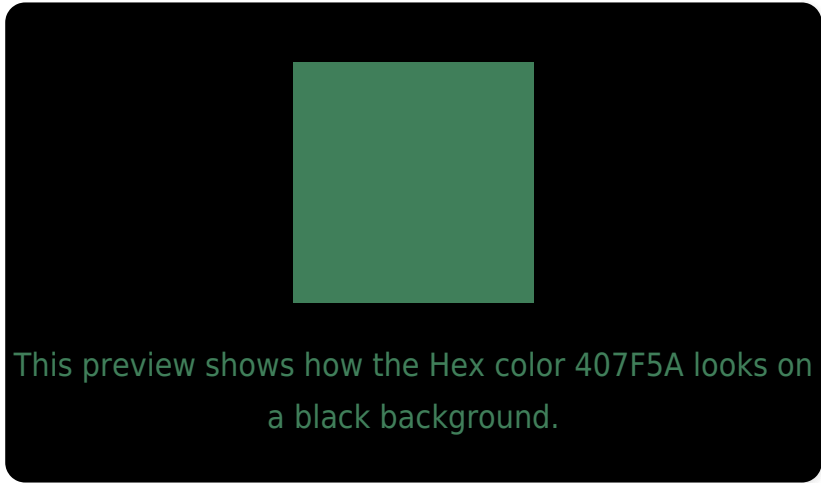
Large Text (above 18pt) WCAG AA ✓ Pass

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

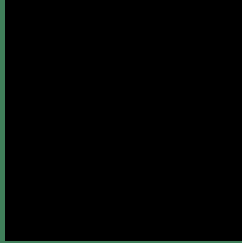
Any Text WCAG AA × Fail

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 407F5A Background



This preview shows how black text looks on a background with the Hex color 407F5A.



This preview shows how white text looks on a background with the Hex color 407F5A.

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
407F5A

Protanopia
7A7254

Deuteranopia
846E5E



Tritanopia
4B7A83

Trichromacy



Original Color
407F5A

Protanomaly
657756

Deuteranomaly
6B745D

Tritanomaly
477C74

Monochromacy



Original Color
407F5A

Achromatopsia
686868

Achromatomaly
597063

CSS Examples

Text

The CSS property to change the color of the text to Hex 407F5A 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 #407F5A looks like.

```
.text, #text, p{  
    color:#407F5A  
}
```

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 #407F5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407F5A
}
```

Border

The CSS property to change the border of an element to Hex 407F5A 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".

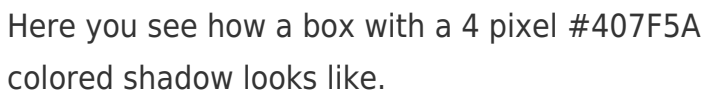
```
.border, #border, table{ border:4px solid
#407F5A }
```

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

```
.border{ border-color:#407F5A }
```

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

Here you see how a box with a 4 pixel #407F5A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407F5A; -webkit-box-shadow:4px 4px  
4px 4px #407F5A; box-shadow:4px 4px 4px  
4px #407F5A }
```

Background

The CSS property to change the background color of an element to Hex 407F5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407F5A }
```

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

```
.background{ background-color:#407F5A }
```

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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