

Converting Colors

Hex(407A55)

Have a look what the booklet for
Hex(407A55) contains.

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Color

Hex(407A55)

Conversions

Conversions Part 1

Format	Color
Hex	407A55
RGB	64, 122, 85
RGB Percent	25%, 48%, 33%
CMY	0.7490, 0.5216, 0.6667
CMYK	0.48, 0.00, 0.30, 0.52
HSL	142°, 31%, 36%
HSV	142°, 48%, 48%
XYZ	10.7136, 15.6649, 11.0533
YIQ	100.4400, -22.6910, -23.8030

Conversions

Conversions Part 2

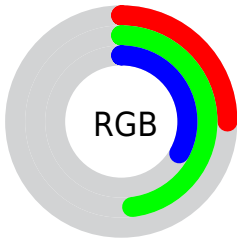
Format	Color
R_{YB}	64, 107, 122
Decimal	4225621
CIE _{Lab}	46.53, -28.00, 14.52
CIE _{LCh}	47, 31.543, 152.602
Yxy	15.6649, 0.2862, 0.4185
Android (android.graphics.Color)	4282415701 (0xFF407A55)
YUV	100.4400, -7.6119, -31.9579
Hunter-Lab	39.5790, -20.9452, 11.1472

Details

The Hex color **407A55** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7A4065**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **73AF87**, and **094928** is the 20% darker color. If you saturate the color by 10%, you get **347A4D**, and if you desaturate by 10%, it is **4C7A5D**.

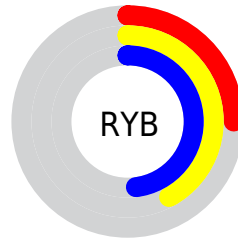
Distribution



Red (25%)

Green (48%)

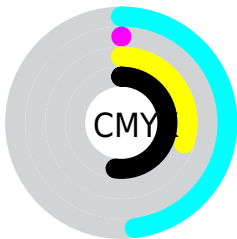
Blue (33%)



Red (25%)

Yellow (42%)

Blue (48%)

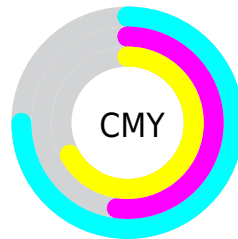


Cyan (48%)

Magenta (0%)

Yellow (30%)

Black (52%)



Cyan (75%)

Magenta (52%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407A55 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 407A55 by changing the saturation by 10% instead.



407A55



407A55

FFFFFF



27613E



73AF87



094928



8ECAA1



003213



A9E7BC



001F00



C5FFD8



000000



E1FFF4

FEFFFF



407A55



407A55



347A4D



4C7A5D

■ 287A45

■ 587A65

■ 1B7A3E

■ 657A6C

■ 0F7A36

■ 717A74

■ 037A2E

■ 7D7A7C

■ 007A2C

■ 897A84

■ 957A8B

■ A27A93

■ AE7A9B

Harmonies

Analogous

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



617540



407A55



0A7C70

Triad

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



407A55



4970A3



9F5C53

Complementary

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



407A55



7A4065

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.



A0596D



407A55



74669B

Square

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



407A55



00779D



915D87



926440

Rectangle

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



407A55



007C82



915D87



A15A5B

Sweetspot

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



407A55



889E90



667A40



424F46



CFCFCF



4F4F4F

Same Dimension

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



407A55



449E65



407A71



373D39



007D2D



00FC5B

Inverse Universe

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



7A4065



9E447D



7A4049



3D373B



7D0050



FC00A1

Previews

White Background



This preview shows how the Hex color 407A55 looks on a white background.

Color Contrast Check

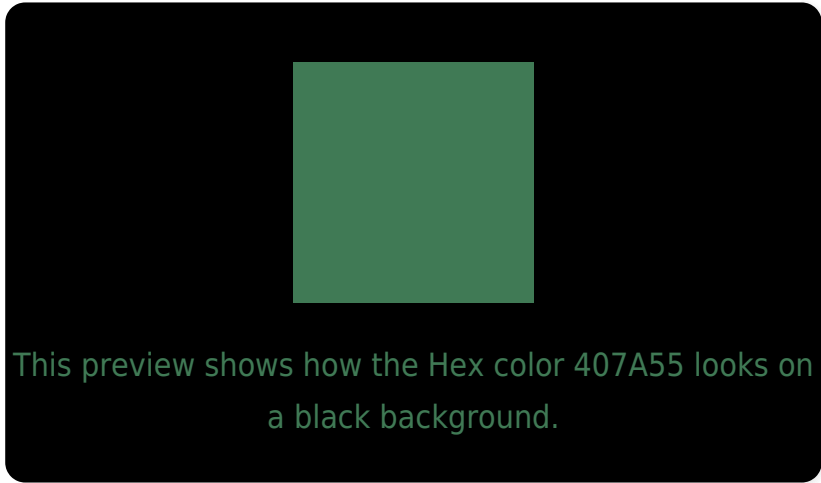
Large Text (above 18pt) WCAG AA ✓ Pass

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 407A55 Background



This preview shows how black text looks on a background with the Hex color 407A55.

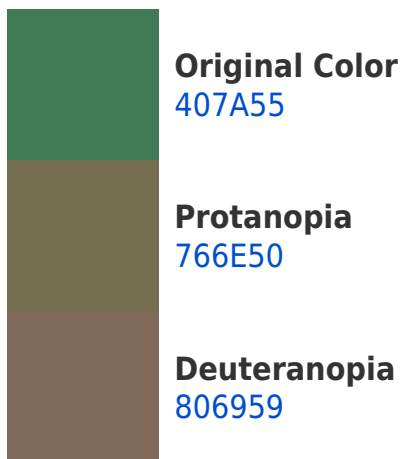


This preview shows how white text looks on a background with the Hex color 407A55.

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



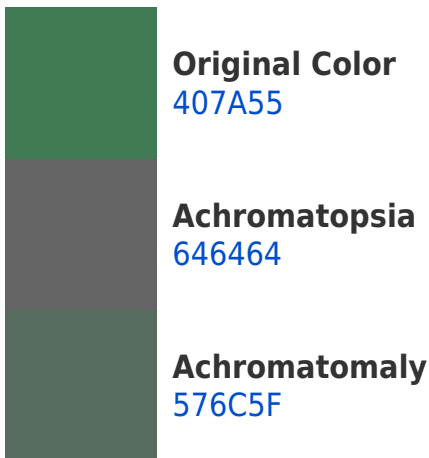


Tritanopia
4A757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 407A55 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 #407A55 looks like.

```
.text, #text, p{  
    color:#407A55  
}
```

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 #407A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407A55
}
```

Border

The CSS property to change the border of an element to Hex 407A55 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
#407A55 }
```

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

```
.border{ border-color:#407A55 }
```

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

Here you see how a box with a 4 pixel #407A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407A55; -webkit-box-shadow:4px 4px  
4px 4px #407A55; box-shadow:4px 4px 4px  
4px #407A55 }
```

Background

The CSS property to change the background color of an element to Hex 407A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407A55 }
```

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

```
.background{ background-color:#407A55 }
```

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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