

Converting Colors

Hex(4A7D5E)

Have a look what the booklet for
Hex(4A7D5E) contains.

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Color

Hex(4A7D5E)

Conversions

Conversions Part 1

Format	Color
Hex	4A7D5E
RGB	74, 125, 94
RGB Percent	29%, 49%, 37%
CMY	0.7098, 0.5098, 0.6314
CMYK	0.41, 0.00, 0.25, 0.51
HSL	144°, 26%, 39%
HSV	144°, 41%, 49%
XYZ	12.1780, 16.9312, 13.2159
YIQ	106.2170, -20.4450, -20.4530

Conversions

Conversions Part 2

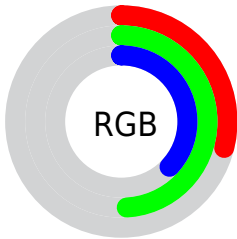
Format	Color
RYB	74, 111, 125
Decimal	4881758
CIELab	48.17, -24.54, 11.62
CIELCh	48, 27.153, 154.665
Yxy	16.9312, 0.2877, 0.4000
Android (android.graphics.Color)	4283071838 (0xFF4A7D5E)
YUV	106.2170, -6.0230, -28.2543
Hunter-Lab	41.1476, -19.1794, 9.7604

Details

The Hex color **4A7D5E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4A69**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7DB290**, and **184C30** is the 20% darker color. If you saturate the color by 10%, you get **3E7D56**, and if you desaturate by 10%, it is **577D66**.

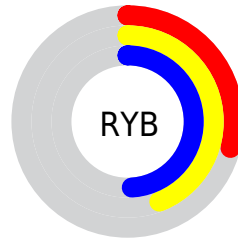
Distribution



Red (29%)

Green (49%)

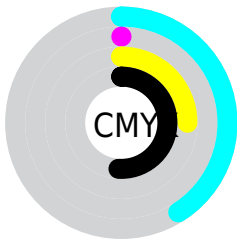
Blue (37%)



Red (29%)

Yellow (44%)

Blue (49%)

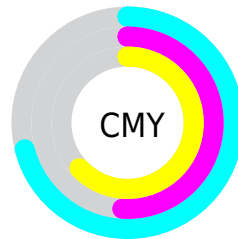


Cyan (41%)

Magenta (0%)

Yellow (25%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7D5E 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 4A7D5E by changing the saturation by 10% instead.



4A7D5E



4A7D5E

FFFFFF



316446



7DB290



184C30



98CEAB



00341B



B3EAC6



002000



CFFFE2



000000



EBFFFF



4A7D5E



4A7D5E



3E7D56



577D66



317D4F



637D6D

 257D47

 707D75

 187D40

 7C7D7C

 0C7D38

 897D84

 007D31

 957D8C

 A27D93

 AE7D9B

 BB7DA2

Harmonies

Analogous

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



66794C



4A7D5E



2C7F75

Triad

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



4A7D5E



5873A0



9D6359

Complementary

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



4A7D5E



7D4A69

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.



9E6170



4A7D5E



7A6B98

Square

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



4A7D5E



317A9B



926486



926A49

Rectangle

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



4A7D5E



1A7E85



926486



9F6260

Sweetspot

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



4A7D5E



90A397



697D4A



46524B



D1D1D1



525252

Same Dimension

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



4A7D5E



53A373



4A7D77



39403C



008032



000000

Inverse Universe

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



7D4A69



A35384



7D4A50



40393D



80004E



000000

Previews

White Background



This preview shows how the Hex color 4A7D5E looks on a white background.

Color Contrast Check

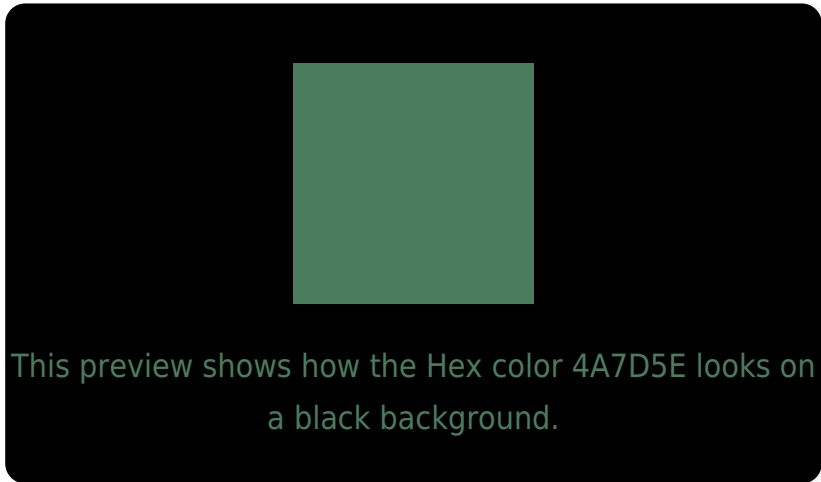
Large Text (above 18pt) WCAG AA ✓ Pass

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

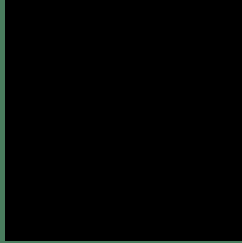
Any Text WCAG AA × Fail

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 4A7D5E Background



This preview shows how black text looks on a background with the Hex color 4A7D5E.



This preview shows how white text looks on a background with the Hex color 4A7D5E.

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
4A7D5E

Protanopia
797259

Deuteranopia
836E61

Trichromacy



Original Color
4A7D5E

Protanomaly
68765B

Deuteranomaly
6E7360

Tritanomaly
4F7A75

Monochromacy



Original Color
4A7D5E

Achromatopsia
6A6A6A

Achromatomaly
5E7166

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7D5E 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 #4A7D5E looks like.

```
.text, #text, p{  
    color:#4A7D5E  
}
```

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 #4A7D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7D5E
}
```

Border

The CSS property to change the border of an element to Hex 4A7D5E 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".

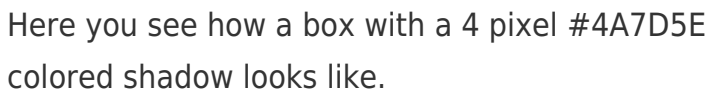
```
.border, #border, table{ border:4px solid
#4A7D5E }
```

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

```
.border{ border-color:#4A7D5E }
```

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

Here you see how a box with a 4 pixel #4A7D5E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7D5E; -webkit-box-shadow:4px 4px  
4px 4px #4A7D5E; box-shadow:4px 4px 4px  
4px #4A7D5E }
```

Background

The CSS property to change the background color of an element to Hex 4A7D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7D5E }
```

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

```
.background{ background-color:#4A7D5E }
```

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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