

Converting Colors

Hex(5E7B40)

Have a look what the booklet for
Hex(5E7B40) contains.

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Color

Hex(5E7B40)

Conversions

Conversions Part 1

Format	Color
Hex	5E7B40
RGB	94, 123, 64
RGB Percent	37%, 48%, 25%
CMY	0.6314, 0.5176, 0.7490
CMYK	0.24, 0.00, 0.48, 0.52
HSL	89°, 32%, 37%
HSV	89°, 48%, 48%
XYZ	12.6245, 16.9158, 7.4502
YIQ	107.6030, 1.6550, -24.4970

Conversions

Conversions Part 2

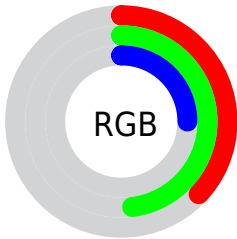
Format	Color
RYB	64, 123, 93
Decimal	6191936
CIELab	48.15, -21.41, 28.81
CIELCh	48, 35.895, 126.625
Yxy	16.9158, 0.3413, 0.4573
Android (android.graphics.Color)	4284382016 (0xFF5E7B40)
YUV	107.6030, -21.4963, -11.9298
Hunter-Lab	41.1288, -17.1849, 18.0502

Details


The Hex color **5E7B40** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D407B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **92B071**, and **2D4A12** is the 20% darker color. If you saturate the color by 10%, you get **587B34**, and if you desaturate by 10%, it is **647B4C**.

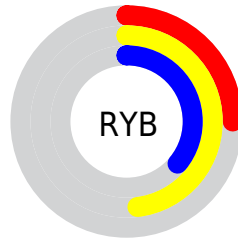
Distribution



 Red (37%)

 Green (48%)

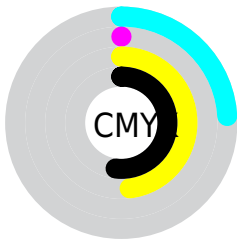
 Blue (25%)



 Red (25%)

 Yellow (48%)

 Blue (36%)

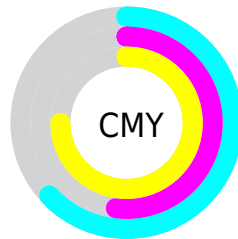


 Cyan (24%)


 Magenta (0%)

 Yellow (48%)

 Black (52%)



 Cyan (63%)

 Magenta (52%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E7B40 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 5E7B40 by changing the saturation by 10% instead.



5E7B40



5E7B40

FFFFFF



456229



92B071



2D4A12



ADCB8B



183300



C8E7A5



001F00



E5FFC1



000000



FFFFDD



FFFFFFA



5E7B40



5E7B40



587B34



647B4C

■ 527B27

■ 6A7B59

■ 4C7B1B

■ 707B65

■ 467B0F

■ 767B71

■ 407B02

■ 7C7B7E

■ 3F7B00

■ 827B8A

■ 887B96

■ 8E7BA2

■ 947BAF

Harmonies

Analogous

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



7E7334



5E7B40



358059

Triad

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



5E7B40



007CA9



AB596D

Complementary

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



5E7B40



5D407B

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.



9D5D8B



5E7B40



4C73AE

Square

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



5E7B40



008196



7E68A3



A85E50

Rectangle

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



5E7B40



00826E



7E68A3



A85977

Sweetspot

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



5E7B40



96A18A



7B5D40



4B5244



D1D1D1



525252

Same Dimension

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



5E7B40



73A143



417B40



3A3D37



407D00



80FC00

Inverse Universe

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



5D407B



7143A1



7A407B



3A373D



3D007D



7C00FC

Previews

White Background



This preview shows how the Hex color 5E7B40 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

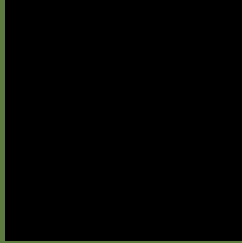
Any Text WCAG AA × Fail

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 5E7B40 Background



This preview shows how black text looks on a background with the Hex color 5E7B40.



This preview shows how white text looks on a background with the Hex color 5E7B40.

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
5E7B40

Protanopia
7E723D

Deuteranopia
8A6D43



Tritanopia
67747D

Trichromacy



Original Color
5E7B40

Protanomaly
72753E

Deuteranomaly
7A7242

Tritanomaly
647767

Monochromacy



Original Color
5E7B40

Achromatopsia
6C6C6C

Achromatomaly
67715C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E7B40 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 #5E7B40 looks like.

```
.text, #text, p{  
    color:#5E7B40  
}
```

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 #5E7B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7B40
}
```

Border

The CSS property to change the border of an element to Hex 5E7B40 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
#5E7B40 }
```

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

```
.border{ border-color:#5E7B40 }
```

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

Here you see how a box with a 4 pixel #5E7B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7B40; -webkit-box-shadow:4px 4px  
4px 4px #5E7B40; box-shadow:4px 4px 4px  
4px #5E7B40 }
```

Background

The CSS property to change the background color of an element to Hex 5E7B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7B40 }
```

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

```
.background{ background-color:#5E7B40 }
```

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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