

Converting Colors

Hex(5E835E)

Have a look what the booklet for
Hex(5E835E) contains.

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Color

Hex(5E835E)

Conversions

Conversions Part 1

Format	Color
Hex	5E835E
RGB	94, 131, 94
RGB Percent	37%, 51%, 37%
CMY	0.6314, 0.4863, 0.6314
CMYK	0.28, 0.00, 0.28, 0.49
HSL	120°, 16%, 44%
HSV	120°, 28%, 51%
XYZ	14.7528, 19.4204, 13.5606
YIQ	115.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

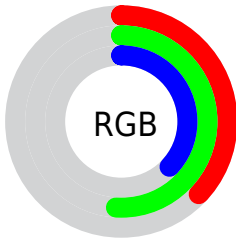
Format	Color
R_{YB}	94, 131, 131
Decimal	6194014
CIE _{Lab}	51.18, -20.84, 15.94
CIE _{LCh}	51, 26.239, 142.587
Yxy	19.4204, 0.3091, 0.4068
Android (android.graphics.Color)	4284384094 (0xFF5E835E)
YUV	115.7190, -10.7075, -19.0476
Hunter-Lab	44.0686, -17.3640, 12.6035

Details

The Hex color **5E835E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **835E83**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **91B891**, and **2E5130** is the 20% darker color. If you saturate the color by 10%, you get **518351**, and if you desaturate by 10%, it is **6B836B**.

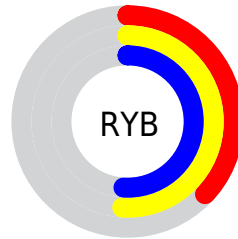
Distribution



Red (37%)

Green (51%)

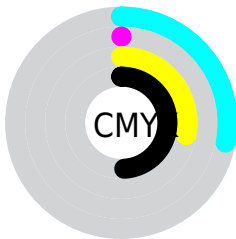
Blue (37%)



Red (37%)

Yellow (51%)

Blue (51%)

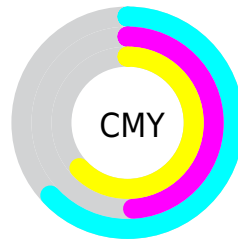


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (49%)



Cyan (63%)

Magenta (49%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E835E 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 5E835E by changing the saturation by 10% instead.



5E835E



5E835E

FFFFFF



466A46



91B891



2E5130



ACD4AB



173A1A



C8F0C7



022401



E4FFE3



000800



000000



5E835E



5E835E



518351



6B836B



448344



788378

 378337

 858385

 2A832A

 928392

 1D831D

 A083A0

 0F830F

 AD83AD

 028302

 BA83BA

 008300

 C783C7

 D483D4

Harmonies

Analogous

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



787E50



5E835E



438673

Triad

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



5E835E



527EA6



A66A6A

Complementary

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



5E835E



835E83

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.



A26980



5E835E



7576A3

Square

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



5E835E



33839D



916E95



9F6F57

Rectangle

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



5E835E



338683



916E95



A66971

Sweetspot

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



5E835E



9DAB9D



83835E



4E574E



D6D6D6



575757

Same Dimension

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



5E835E



71AB71



5E8371



3C423C



008200



000300

Inverse Universe

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



835E83



AB71AB



835E71



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 5E835E looks on a white background.

Color Contrast Check

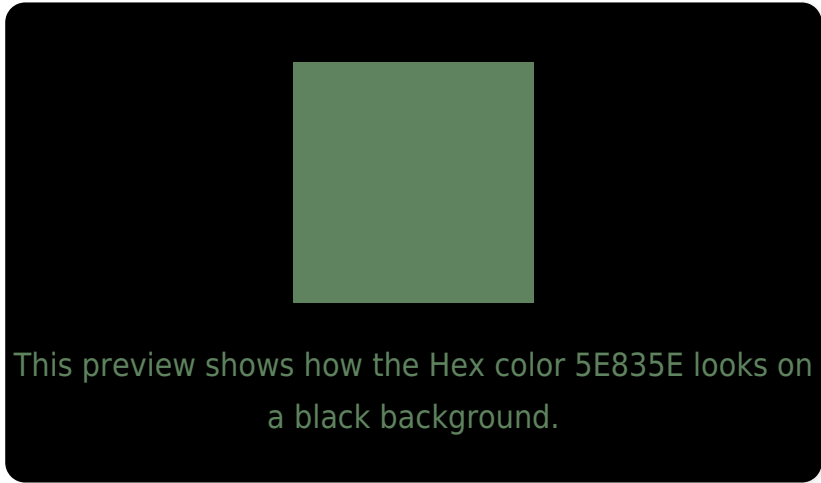
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

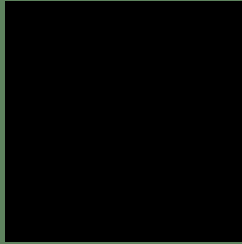
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5E835E Background



This preview shows how black text looks on a background with the Hex color 5E835E.

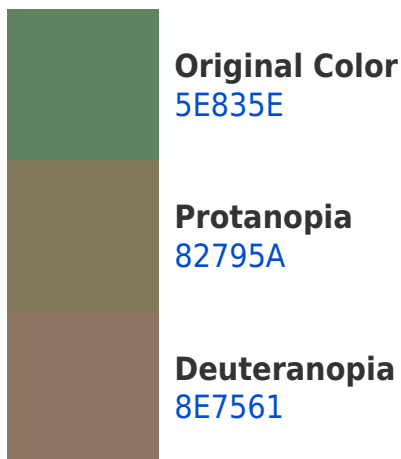


This preview shows how white text looks on a background with the Hex color 5E835E.

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
657E88

Trichromacy



Original Color
5E835E

Protanomaly
757D5B

Deuteranomaly
7D7A60

Tritanomaly
628079

Monochromacy



Original Color
5E835E

Achromatopsia
747474

Achromatomaly
6C796C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E835E 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 #5E835E looks like.

```
.text, #text, p{  
    color:#5E835E  
}
```

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 #5E835E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E835E
}
```

Border

The CSS property to change the border of an element to Hex 5E835E 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".

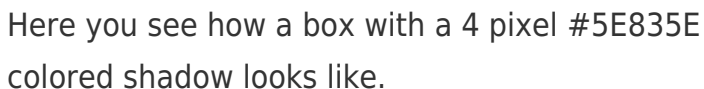
```
.border, #border, table{ border:4px solid
#5E835E }
```

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

```
.border{ border-color:#5E835E }
```

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

Here you see how a box with a 4 pixel #5E835E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E835E; -webkit-box-shadow:4px 4px  
4px 4px #5E835E; box-shadow:4px 4px 4px  
4px #5E835E }
```

Background

The CSS property to change the background color of an element to Hex 5E835E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E835E }
```

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

```
.background{ background-color:#5E835E }
```

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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