

Converting Colors

Hex(5E8853)

Have a look what the booklet for
Hex(5E8853) contains.

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Color

Hex(5E8853)

Conversions

Conversions Part 1

Format	Color
Hex	5E8853
RGB	94, 136, 83
RGB Percent	37%, 53%, 33%
CMY	0.6314, 0.4667, 0.6745
CMYK	0.31, 0.00, 0.39, 0.47
HSL	108°, 24%, 43%
HSV	108°, 39%, 53%
XYZ	14.9816, 20.6125, 11.3726
YIQ	117.4000, -8.0190, -25.3870

Conversions

Conversions Part 2

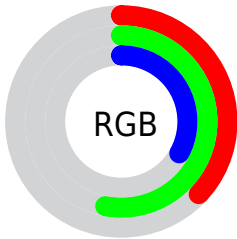
Format	Color
RYB	83, 136, 125
Decimal	6195283
CIELab	52.52, -25.27, 23.95
CIElCh	53, 34.817, 136.526
Yxy	20.6125, 0.3190, 0.4389
Android (android.graphics.Color)	4284385363 (0xFF5E8853)
YUV	117.4000, -16.9592, -20.5218
Hunter-Lab	45.4010, -20.5498, 16.9290

Details

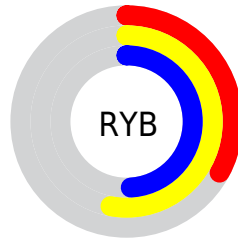
The Hex color **5E8853** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D5388**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **92BE85**, and **2D5625** is the 20% darker color. If you saturate the color by 10%, you get **538845**, and if you desaturate by 10%, it is **698861**.

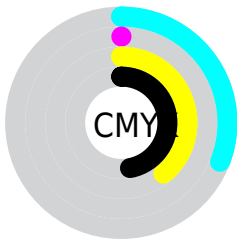
Distribution



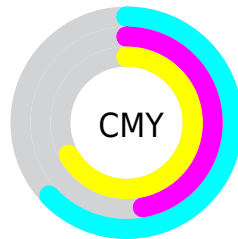
- Red (37%)
- Green (53%)
- Blue (33%)



- Red (33%)
- Yellow (53%)
- Blue (49%)



- Cyan (31%)
- Magenta (0%)
- Yellow (39%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E8853 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 5E8853 by changing the saturation by 10% instead.

 5E8853

 5E8853

FFFFFF

 456E3B

 92BE85

 2D5625

 ADD99F

 153E0F

 C9F6BB

 002800

 E5FFD6

 001000

 FFFFF3

 000000

 5E8853

 5E8853

 538845

 698861

 488838

 74886E

 3E882A

 7E887C

 33881D

 898889

 28880F

 948897

 1D8801

 9F88A5

 1C8800

 A988B2

 B488C0

 BF88CD

Harmonies

Analogous

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



808143



5E8853



338C6E

Triad

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



5E8853



2F84B7



B7666E

Complementary

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



5E8853



7D5388

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.



AE678C



5E8853



6B7BB6

Square

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



5E8853



008AA8



956FA7



AF6C53

Rectangle

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



5E8853



008D83



956FA7



B66578

Sweetspot

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



5E8853



9FB09B



887D53



4F594D



D9D9D9



595959

Same Dimension

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



5E8853



6EB05D



538862



3F453E



1C8500



010500

Inverse Universe

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



7D5388



9F5DB0



885379



433E45



690085



040005

Previews

White Background



This preview shows how the Hex color 5E8853 looks on a white background.

Color Contrast Check

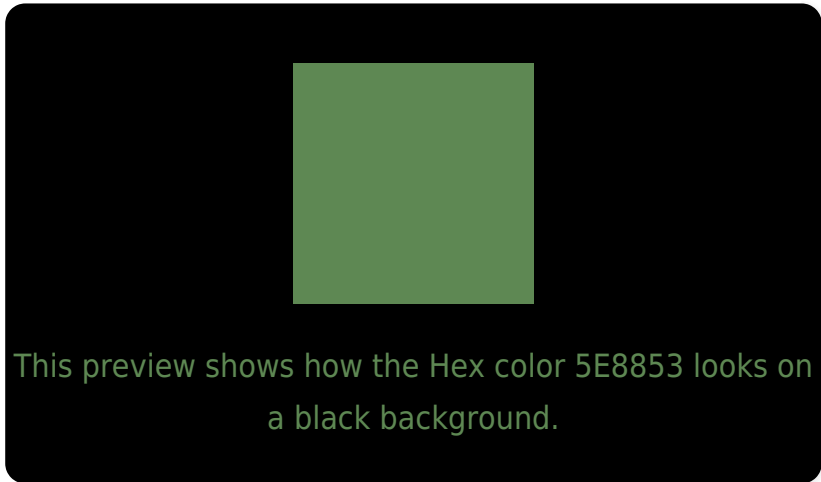
Large Text (above 18pt) WCAG AA ✓ Pass

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

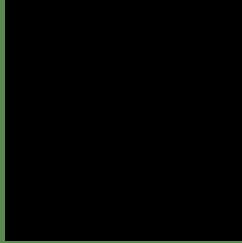
Any Text WCAG AA ✓ Pass

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 5E8853 Background



This preview shows how black text looks on a background with the Hex color 5E8853.

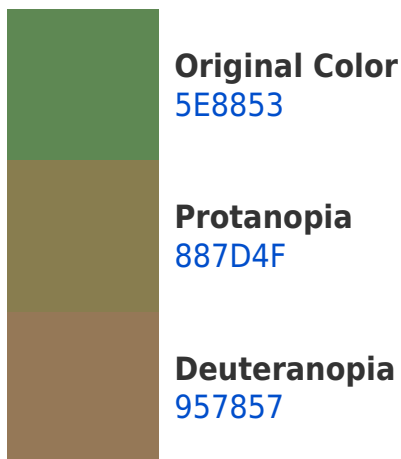



This preview shows how white text looks on a background with the Hex color 5E8853.

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](#).

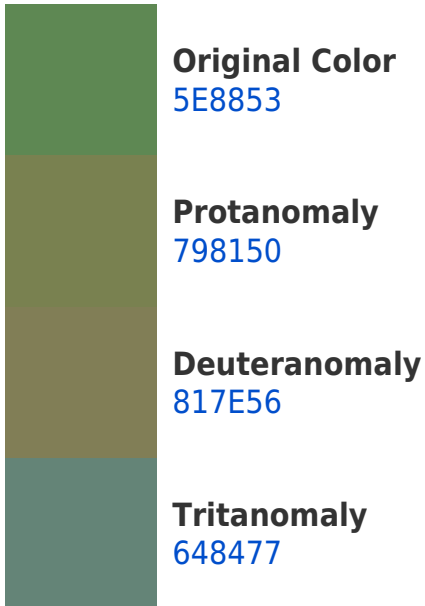
Dichromacy





Tritanopia
68818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E8853 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 #5E8853 looks like.

```
.text, #text, p{  
    color:#5E8853  
}
```

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 #5E8853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8853  
}
```

Border

The CSS property to change the border of an element to Hex 5E8853 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".

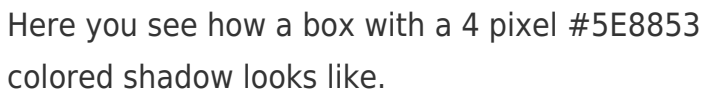
```
.border, #border, table{ border:4px solid  
#5E8853 }
```

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

```
.border{ border-color:#5E8853 }
```

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

Here you see how a box with a 4 pixel #5E8853 colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8853; -webkit-box-shadow:4px 4px  
4px 4px #5E8853; box-shadow:4px 4px 4px  
4px #5E8853 }
```

Background

The CSS property to change the background color of an element to Hex 5E8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8853 }
```

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

```
.background{ background-color:#5E8853 }
```

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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