

Converting Colors

Hex(6E835B)

Have a look what the booklet for
Hex(6E835B) contains.

Hex(6E835B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6E835B)

Conversions

Conversions Part 1

Format	Color
Hex	6E835B
RGB	110, 131, 91
RGB Percent	43%, 51%, 36%
CMY	0.5686, 0.4863, 0.6431
CMYK	0.16, 0.00, 0.31, 0.49
HSL	91°, 18%, 44%
HSV	91°, 31%, 51%
XYZ	16.4350, 20.3029, 12.9502
YIQ	120.1610, 0.3240, -16.8920

Conversions

Conversions Part 2

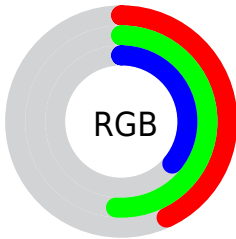
Format	Color
R_{YB}	91, 131, 112
Decimal	7242587
CIE _{Lab}	52.18, -15.31, 19.19
CIE _{LCh}	52, 24.553, 128.587
Yxy	20.3029, 0.3308, 0.4086
Android (android.graphics.Color)	4285432667 (0xFF6E835B)
YUV	120.1610, -14.3764, -8.9112
Hunter-Lab	45.0588, -13.7456, 14.5008

Details

The Hex color **6E835B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **705B83**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A2B88D**, and **3E522D** is the 20% darker color. If you saturate the color by 10%, you get **67834E**, and if you desaturate by 10%, it is **758368**.

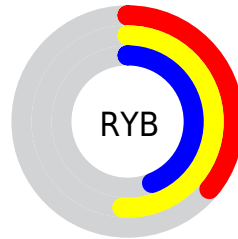
Distribution



Red (43%)

Green (51%)

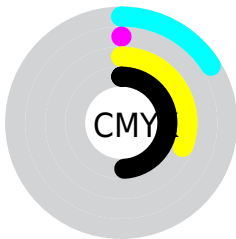
Blue (36%)



Red (36%)

Yellow (51%)

Blue (44%)

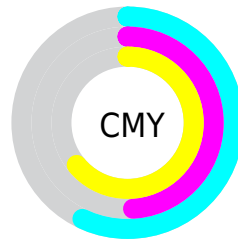


Cyan (16%)

Magenta (0%)

Yellow (31%)

Black (49%)



Cyan (57%)

Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E835B 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 6E835B by changing the saturation by 10% instead.

 6E835B

 6E835B

FFFFFF

 556A43

 A2B88D

 3E522D

 BDD4A8

 273A17

 D9F0C3

 142500

 F6FFDF

 000E00

 FFFFFC

 000000

 6E835B

 6E835B

 67834E

 758368

 608341

 7C8375

■ 598334

■ 838382

■ 528327

■ 8A838F

■ 4C831A

■ 90839D

■ 45830C

■ 9783AA

■ 3E8300

■ 9E83B7

■ A583C4

■ AC83D1

Harmonies

Analogous

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



857D53



6E835B



55876C

Triad

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



6E835B



4B83A3



A66D77

Complementary

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



6E835B



705B83

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.



9C6F8C



6E835B



6A7CA6

Square

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



6E835B



388796



87759D



A47063

Rectangle

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



6E835B



46887B



87759D



A46D7E

Sweetspot

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



6E835B



A3AB9B



83705B



52574D



D6D6D6



575757

Same Dimension

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



6E835B



8AAB6C



5B835C



3F423C



3E8200



010300

Inverse Universe

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



705B83



8D6CAB



835B82



3F3C42



440082



010003

Previews

White Background



This preview shows how the Hex color 6E835B looks on a white background.

Color Contrast Check

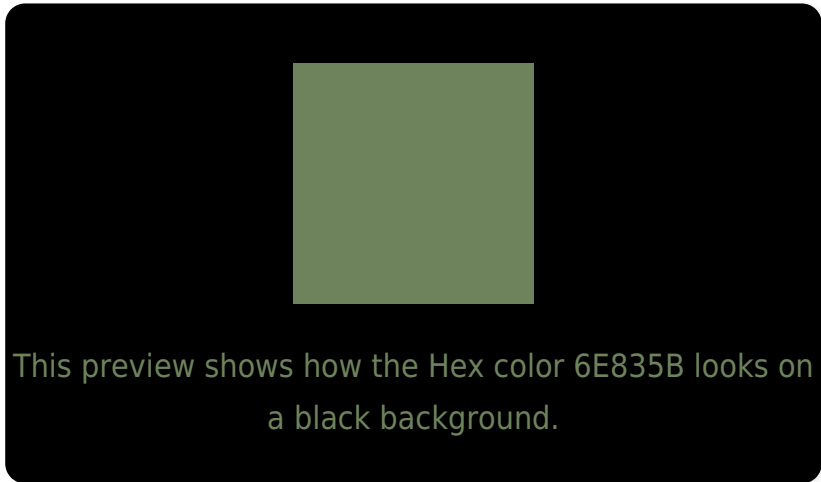
Large Text (above 18pt) WCAG AA ✓ Pass

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

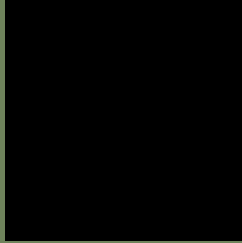
Any Text WCAG AA ✓ Pass

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 6E835B Background



This preview shows how black text looks on a background with the Hex color 6E835B.



This preview shows how white text looks on a background with the Hex color 6E835B.

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](#).

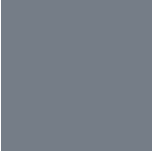
Dichromacy



Original Color
6E835B

Protanopia
867C58

Deuteranopia
92775E



Tritanopia
757D87

Trichromacy



Original Color
6E835B

Protanomaly
7D7F59

Deuteranomaly
857B5D

Tritanomaly
727F77

Monochromacy



Original Color
6E835B

Achromatopsia
787878

Achromatomaly
747C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E835B 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 #6E835B looks like.

```
.text, #text, p{  
    color:#6E835B  
}
```

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 #6E835B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E835B
}
```

Border

The CSS property to change the border of an element to Hex 6E835B 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
#6E835B }
```

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

```
.border{ border-color:#6E835B }
```

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

Here you see how a box with a 4 pixel #6E835B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E835B; -webkit-box-shadow:4px 4px  
4px 4px #6E835B; box-shadow:4px 4px 4px  
4px #6E835B }
```

Background

The CSS property to change the background color of an element to Hex 6E835B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E835B }
```

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

```
.background{ background-color:#6E835B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor