

Converting Colors

Hex(56863E)

Have a look what the booklet for
Hex(56863E) contains.

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Color

Hex(56863E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 56863E |
| RGB | 86, 134, 62 |
| RGB Percent | 34%, 53%, 24% |
| CMY | 0.6627, 0.4745, 0.7569 |
| CMYK | 0.36, 0.00, 0.54, 0.47 |
| HSL | 100°, 37%, 38% |
| HSV | 100°, 54%, 53% |
| XYZ | 13.2324, 19.3764, 7.6000 |
| YIQ | 111.4400, -5.4960, -32.5680 |

Conversions

Conversions Part 2

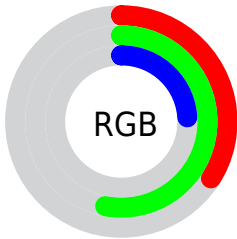
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 62, 134, 110 |
| Decimal | 5670462 |
| CIELab | 51.12, -30.19, 33.39 |
| CIELCh | 51, 45.011, 132.123 |
| Yxy | 19.3764, 0.3291, 0.4819 |
| Android (android.graphics.Color) | 4283860542 (0xFF56863E) |
| YUV | 111.4400, -24.3739, -22.3109 |
| Hunter-Lab | 44.0187, -23.3742, 20.5764 |

Details

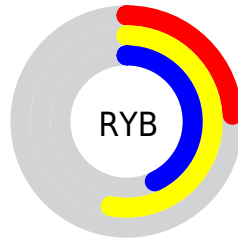
The Hex color **56863E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6E3E86**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8ABC6F**, and **23540E** is the 20% darker color. If you saturate the color by 10%, you get **4D8631**, and if you desaturate by 10%, it is **5F864B**.

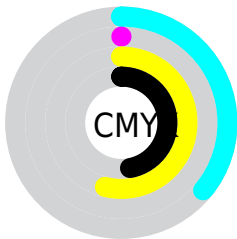
Distribution



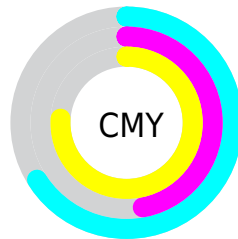
- Red (34%)
- Green (53%)
- Blue (24%)



- Red (24%)
- Yellow (53%)
- Blue (43%)



- Cyan (36%)
- Magenta (0%)
- Yellow (54%)
- Black (47%)



- Cyan (66%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56863E 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 56863E by changing the saturation by 10% instead.

 56863E

 56863E

FFFFFF

 3D6C26

 8ABC6F

 23540E

 A5D789

 083C00

 C1F4A4

 002600

 DEFFC0

 000800

 FBFFDC

 000000

 FFFFF8

 56863E

 56863E

 4D8631

 5F864B

 448623

 688659

 3B8616

 718666

 328608

 7A8674

 2D8600

 838681

 8C868E

 95869C

 9D86A9

 A686B7

Harmonies

Analogous

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



807D2A



56863E



008B61

Triad

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



56863E



0084C3



C1586C

Complementary

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



56863E



6E3E86

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.



B45B92



56863E



5179C5

Square

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



56863E



008BAC



9069B3



B96148

Rectangle

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



56863E



008D7B



9069B3



BF5879

Sweetspot

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



56863E



9BAD92



866E3E



4C5746



D6D6D6



575757

Same Dimension

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



56863E



63AD3E



3E864A



3E423C



2B8200



010300

Inverse Universe

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



6E3E86



883EAD



863E7A



403C42



570082



020003

Previews

White Background



This preview shows how the Hex color 56863E looks on a white background.

Color Contrast Check

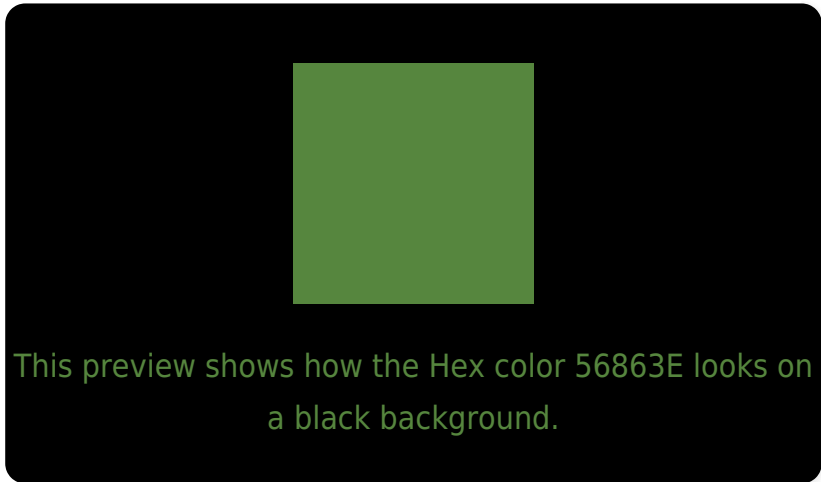
Large Text (above 18pt) WCAG AA ✓ Pass

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 56863E Background



This preview shows how black text looks on a background with the Hex color 56863E.



This preview shows how white text looks on a background with the Hex color 56863E.

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
56863E

Protanopia
86793A

Deuteranopia
947443



Tritanopia
627E88

Trichromacy



Original Color
56863E

Protanomaly
757E3B

Deuteranomaly
7D7B41

Tritanomaly
5E816D

Monochromacy



Original Color
56863E

Achromatopsia
6F6F6F

Achromatomaly
66775D

CSS Examples

Text

The CSS property to change the color of the text to Hex 56863E 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 #56863E looks like.

```
.text, #text, p{  
    color:#56863E  
}
```

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 #56863E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56863E
}
```

Border

The CSS property to change the border of an element to Hex 56863E 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
#56863E }
```

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

```
.border{ border-color:#56863E }
```

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

Here you see how a box with a 4 pixel #56863E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56863E; -webkit-box-shadow:4px 4px  
4px 4px #56863E; box-shadow:4px 4px 4px  
4px #56863E }
```

Background

The CSS property to change the background color of an element to Hex 56863E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56863E }
```

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

```
.background{ background-color:#56863E }
```

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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