

Converting Colors

Hex(56843D)

Have a look what the booklet for
Hex(56843D) contains.

| | |
|--|----|
| Hex(56843D) | 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(56843D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 56843D |
| RGB | 86, 132, 61 |
| RGB Percent | 34%, 52%, 24% |
| CMY | 0.6627, 0.4824, 0.7608 |
| CMYK | 0.35, 0.00, 0.54, 0.48 |
| HSL | 99°, 37%, 38% |
| HSV | 99°, 54%, 52% |
| XYZ | 12.9313, 18.8179, 7.3655 |
| YIQ | 110.1520, -4.6250, -31.8330 |

Conversions

Conversions Part 2

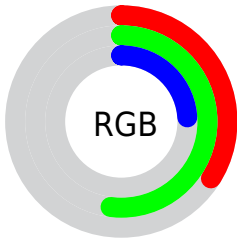
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 61, 132, 107 |
| Decimal | 5669949 |
| CIELab | 50.47, -29.36, 33.12 |
| CIELCh | 50, 44.260, 131.560 |
| Yxy | 18.8179, 0.3306, 0.4811 |
| Android (android.graphics.Color) | 4283860029 (0xFF56843D) |
| YUV | 110.1520, -24.2319, -21.1813 |
| Hunter-Lab | 43.3796, -22.7040, 20.2987 |

Details

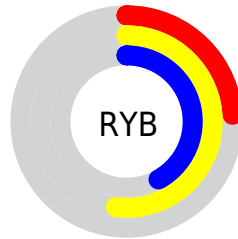
The Hex color **56843D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6B3D84**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8AB96E**, and **23520D** is the 20% darker color. If you saturate the color by 10%, you get **4D8430**, and if you desaturate by 10%, it is **5F844A**.

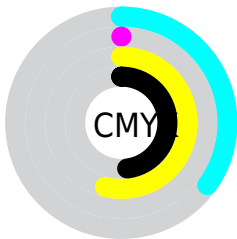
Distribution



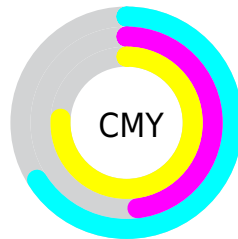
- Red (34%)
- Green (52%)
- Blue (24%)



- Red (24%)
- Yellow (52%)
- Blue (42%)



- Cyan (35%)
- Magenta (0%)
- Yellow (54%)
- Black (48%)



- Cyan (66%)
- Magenta (48%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56843D 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 56843D by changing the saturation by 10% instead.

 56843D

 56843D

FFFFFF

 3D6B25

 8AB96E

 23520D

 A5D588

 0A3A00

 C1F2A3

 002500

 DDFFB E

 000300

 FAFFDA

 000000

 FFFFF7

 56843D

 56843D

 4D8430

 5F844A

 458423

 678457

 3C8415

 708465

 348408

 788472

 2E8400

 81847F

 89848C

 928499

 9A84A7

 A384B4

Harmonies

Analogous

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



7F7B2A



56843D



06895F

Triad

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



56843D



0083BF



BE576B

Complementary

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



56843D



6B3D84

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.



B15B91



56843D



4F77C2

Square

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



56843D



0089A9



8E68B1



B76048

Rectangle

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



56843D



008B79



8E68B1



BC5778

Sweetspot

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



56843D



99AB90



846A3D



4C5746



D6D6D6



575757

Same Dimension

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



56843D



63AB3C



3D8446



3E423C



2E8200



010300

Inverse Universe

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



6B3D84



843CAB



843D7B



403C42



540082



020003

Previews

White Background



This preview shows how the Hex color 56843D looks on a white background.

Color Contrast Check

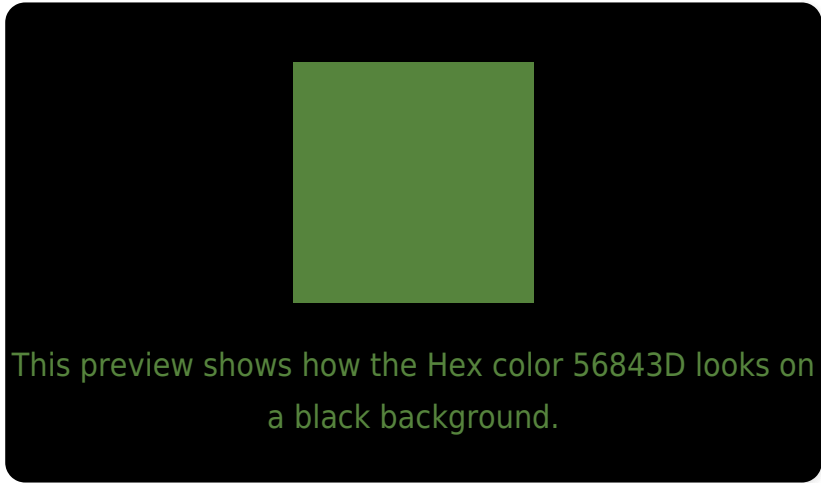
Large Text (above 18pt) WCAG AA ✓ Pass

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

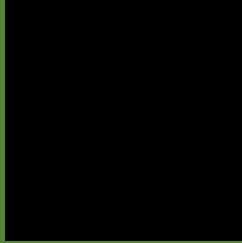
Any Text WCAG AA ✓ Pass

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 56843D Background



This preview shows how black text looks on a background with the Hex color 56843D.



This preview shows how white text looks on a background with the Hex color 56843D.

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
627C86

Trichromacy



Original Color
56843D

Protanomaly
747C3A

Deuteranomaly
7C7940

Tritanomaly
5E7F6B

Monochromacy



Original Color
56843D

Achromatopsia
6E6E6E

Achromatomaly
65765C

CSS Examples

Text

The CSS property to change the color of the text to Hex 56843D 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 #56843D looks like.

```
.text, #text, p{  
    color:#56843D  
}
```

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 #56843D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56843D
}
```

Border

The CSS property to change the border of an element to Hex 56843D 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
#56843D }
```

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

```
.border{ border-color:#56843D }
```

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

Here you see how a box with a 4 pixel #56843D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56843D; -webkit-box-shadow:4px 4px  
4px 4px #56843D; box-shadow:4px 4px 4px  
4px #56843D }
```

Background

The CSS property to change the background color of an element to Hex 56843D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56843D }
```

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

```
.background{ background-color:#56843D }
```

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