

Converting Colors

Hex(56683B)

Have a look what the booklet for
Hex(56683B) contains.

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Color

Hex(56683B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 56683B |
| RGB | 86, 104, 59 |
| RGB Percent | 34%, 41%, 23% |
| CMY | 0.6627, 0.5922, 0.7686 |
| CMYK | 0.17, 0.00, 0.43, 0.59 |
| HSL | 84°, 28%, 32% |
| HSV | 84°, 43%, 41% |
| XYZ | 9.5775, 12.1948, 5.9867 |
| YIQ | 93.4880, 3.7170, -17.8110 |

Conversions

Conversions Part 2

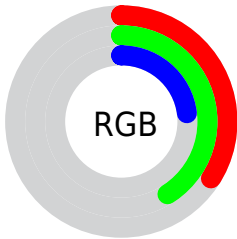
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 59, 104, 77 |
| Decimal | 5662779 |
| CIELab | 41.52, -15.28, 23.13 |
| CIElCh | 42, 27.719, 123.449 |
| Yxy | 12.1948, 0.3450, 0.4393 |
| Android (android.graphics.Color) | 4283852859 (0xFF56683B) |
| YUV | 93.4880, -17.0026, -6.5670 |
| Hunter-Lab | 34.9211, -12.1564, 14.2803 |

Details

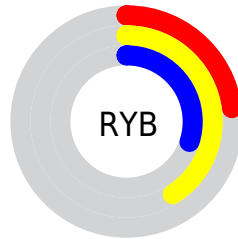
The Hex color **56683B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D3B68**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **899B6B**, and **27390F** is the 20% darker color. If you saturate the color by 10%, you get **526831**, and if you desaturate by 10%, it is **5A6845**.

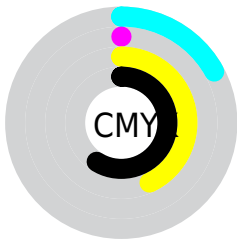
Distribution



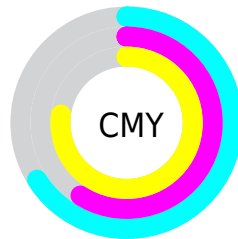
- Red (34%)
- Green (41%)
- Blue (23%)



- Red (23%)
- Yellow (41%)
- Blue (30%)



- Cyan (17%)
- Magenta (0%)
- Yellow (43%)
- Black (59%)



- Cyan (66%)
- Magenta (59%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56683B 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 56683B by changing the saturation by 10% instead.

 56683B

 56683B

FFFFFF

 3E5025

 899B6B

 27390F

 A3B684

 132300

 BED29F

 000A00

 DAEEDA

 000000

 F7FFD6

 FFFFF2

 56683B

 56683B

 526831

 5A6845

■ 4E6826

■ 5E6850

■ 4A681C

■ 62685A

■ 456811

■ 676865

■ 416807

■ 6B686F

■ 3E6800

■ 6F6879

■ 736884

■ 77688E

■ 7B6899

Harmonies

Analogous

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



6E6134



56683B



3A6C4D

Triad

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



56683B



106A8A



8D5060

Complementary

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



56683B



4D3B68

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.



815377



56683B



44638F

Square

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



56683B



006D7A



685B88



8C524A

Rectangle

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



56683B



226E5C



685B88



8A5068

Sweetspot

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



56683B



808776



684D3B



40453A



C4C4C4



454545

Same Dimension

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



56683B



6B8741



40683B



31332E



457300



91F200

Inverse Universe

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



4D3B68



5D4187



643B68



302E33



2E0073



6100F2

Previews

White Background



This preview shows how the Hex color 56683B looks on a white background.

Color Contrast Check

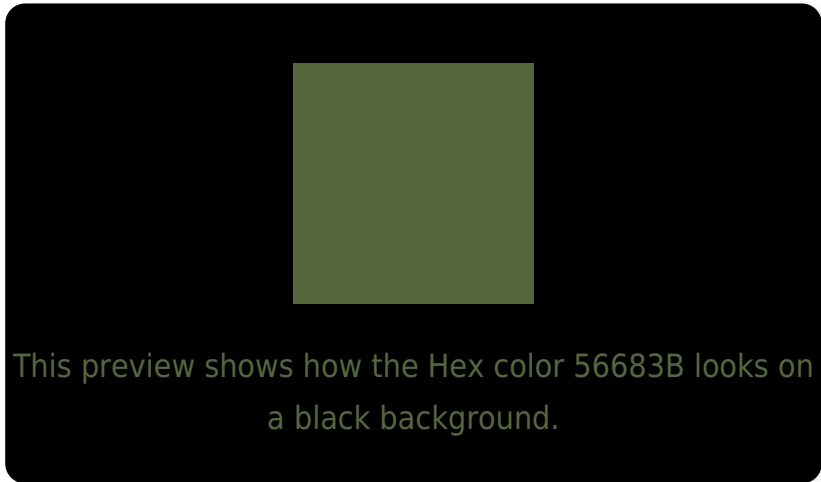
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

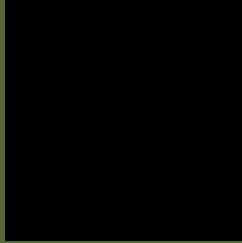
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 56683B Background



This preview shows how black text looks on a background with the Hex color 56683B.



This preview shows how white text looks on a background with the Hex color 56683B.

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
56683B

Protanopia
6B6239

Deuteranopia
765D3D



Tritanopia
5C636A

Trichromacy



Original Color
56683B

Protanomaly
63643A

Deuteranomaly
6A613C

Tritanomaly
5A6559

Monochromacy



Original Color
56683B

Achromatopsia
5D5D5D

Achromatomaly
5A6151

CSS Examples

Text

The CSS property to change the color of the text to Hex 56683B 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 #56683B looks like.

```
.text, #text, p{  
    color:#56683B  
}
```

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 #56683B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56683B
}
```

Border

The CSS property to change the border of an element to Hex 56683B is called "border". The border property can be set on classes, ids or directly on the HTML element.

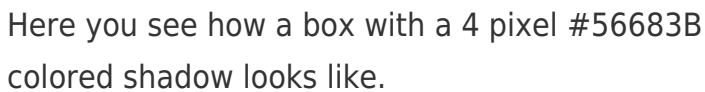
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56683B }
```

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

```
.border{ border-color:#56683B }
```

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



Here you see how a box with a 4 pixel #56683B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56683B; -webkit-box-shadow:4px 4px  
4px 4px #56683B; box-shadow:4px 4px 4px  
4px #56683B }
```

Background

The CSS property to change the background color of an element to Hex 56683B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56683B }
```

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

```
.background{ background-color:#56683B }
```

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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