

Converting Colors

Hex(61683E)

Have a look what the booklet for
Hex(61683E) contains.

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Color

Hex(61683E)

Conversions

Conversions Part 1

Format	Color
Hex	61683E
RGB	97, 104, 62
RGB Percent	38%, 41%, 24%
CMY	0.6196, 0.5922, 0.7569
CMYK	0.07, 0.00, 0.40, 0.59
HSL	70°, 25%, 33%
HSV	70°, 40%, 41%
XYZ	10.7496, 12.7898, 6.4595
YIQ	97.1190, 9.3100, -14.5460

Conversions

Conversions Part 2

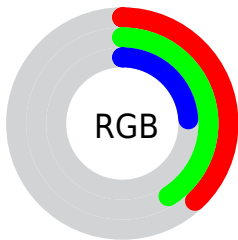
Format	Color
RYB	62, 104, 69
Decimal	6383678
CIELab	42.44, -10.12, 22.76
CIElCh	42, 24.912, 113.965
Yxy	12.7898, 0.3583, 0.4263
Android (android.graphics.Color)	4284573758 (0xFF61683E)
YUV	97.1190, -17.3137, -0.1044
Hunter-Lab	35.7629, -8.9316, 14.3249

Details

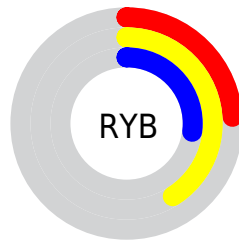
The Hex color **61683E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **453E68**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **949B6E**, and **313912** is the 20% darker color. If you saturate the color by 10%, you get **5F6834**, and if you desaturate by 10%, it is **636848**.

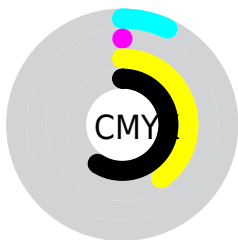
Distribution



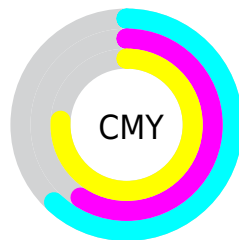
- Red (38%)
- Green (41%)
- Blue (24%)



- Red (24%)
- Yellow (41%)
- Blue (27%)



- Cyan (7%)
- Magenta (0%)
- Yellow (40%)
- Black (59%)



- Cyan (62%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61683E 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 61683E by changing the saturation by 10% instead.

61683E

61683E

FFFFFF

495027

949B6E

313912

AFB688

1D2300

CBD1A2

001000

E7EEBD

000000

FFFFD9

FFFFFF6

61683E

61683E

5F6834

636848

■ 5E6829

■ 646853

■ 5C681F

■ 66685D

■ 5A6814

■ 686868

■ 58680A

■ 6A6872

■ 576800

■ 6B687C

■ 6D6887

■ 6F6891

■ 71689C

Harmonies

Analogous

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



76623B



61683E



496D4B

Triad

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



61683E



1D6D85



895569

Complementary

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



61683E



453E68

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.



7A597D



61683E



40678D

Square

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



61683E



156F74



61608A



8C5555

Rectangle

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



61683E



386E58



61608A



855670

Sweetspot

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



61683E



848777



68453E



43453B



C4C4C4



454545

Same Dimension

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



61683E



7C8746



4C683E



32332E



607300



CAF200

Inverse Universe

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



453E68



514687



5A3E68



2F2E33



130073



2800F2

Previews

White Background



This preview shows how the Hex color 61683E looks on a white background.

Color Contrast Check

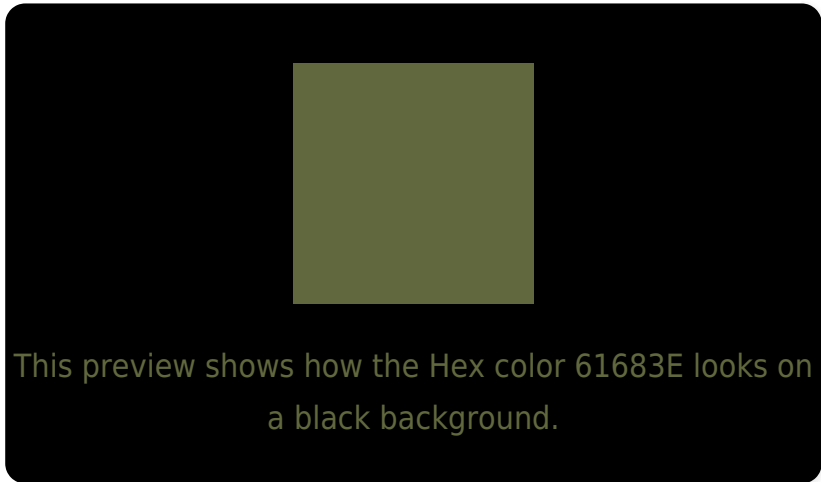
Large Text (above 18pt) WCAG AA ✓ Pass

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 61683E Background



This preview shows how black text looks on a background with the Hex color 61683E.



This preview shows how white text looks on a background with the Hex color 61683E.

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
61683E

Protanopia
6D643D

Deuteranopia
796040



Tritanopia
66636A

Trichromacy



Original Color
61683E

Protanomaly
69653D

Deuteranomaly
70633F

Tritanomaly
64655A

Monochromacy



Original Color
61683E

Achromatopsia
616161

Achromatomaly
616454

CSS Examples

Text

The CSS property to change the color of the text to Hex 61683E 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 #61683E looks like.

```
.text, #text, p{  
    color:#61683E  
}
```

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 #61683E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61683E
}
```

Border

The CSS property to change the border of an element to Hex 61683E 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".

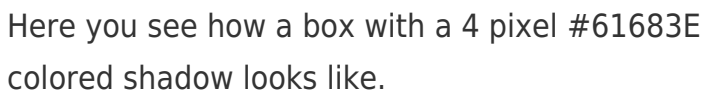
```
.border, #border, table{ border:4px solid
#61683E }
```

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

```
.border{ border-color:#61683E }
```

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

Here you see how a box with a 4 pixel #61683E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61683E; -webkit-box-shadow:4px 4px  
4px 4px #61683E; box-shadow:4px 4px 4px  
4px #61683E }
```

Background

The CSS property to change the background color of an element to Hex 61683E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61683E }
```

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

```
.background{ background-color:#61683E }
```

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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