

Converting Colors

Hex(676D3E)

Have a look what the booklet for
Hex(676D3E) contains.

Hex(676D3E)	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(676D3E)

Conversions

Conversions Part 1

Format	Color
Hex	676D3E
RGB	103, 109, 62
RGB Percent	40%, 43%, 24%
CMY	0.5961, 0.5725, 0.7569
CMYK	0.06, 0.00, 0.43, 0.57
HSL	68°, 27%, 34%
HSV	68°, 43%, 43%
XYZ	11.9317, 14.1686, 6.6634
YIQ	101.8480, 11.5110, -15.8890

Conversions

Conversions Part 2

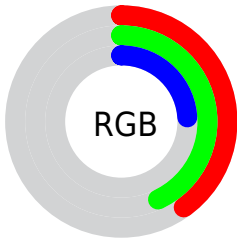
Format	Color
RYB	62, 109, 68
Decimal	6778174
CIELab	44.47, -10.31, 25.45
CIELCh	44, 27.458, 112.048
Yxy	14.1686, 0.3642, 0.4324
Android (android.graphics.Color)	4284968254 (0xFF676D3E)
YUV	101.8480, -19.6451, 1.0103
Hunter-Lab	37.6413, -9.2906, 15.8532

Details

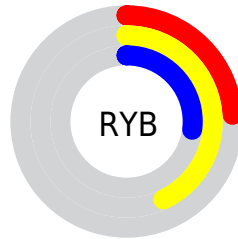
The Hex color **676D3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **443E6D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9BA06E**, and **373E11** is the 20% darker color. If you saturate the color by 10%, you get **666D33**, and if you desaturate by 10%, it is **686D49**.

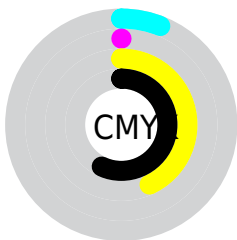
Distribution



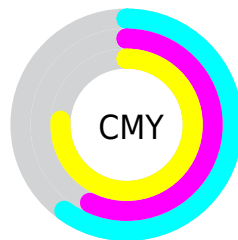
- Red (40%)
- Green (43%)
- Blue (24%)



- Red (24%)
- Yellow (43%)
- Blue (27%)



- Cyan (6%)
- Magenta (0%)
- Yellow (43%)
- Black (57%)



- Cyan (60%)
- Magenta (57%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676D3E 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 676D3E by changing the saturation by 10% instead.

676D3E

676D3E

FFFFFF

4E5527

9BA06E

373E11

B6BB88

222800

D2D7A2

001400

EEF4BE

000000

FFFFDA

FFFFFF6

676D3E

676D3E

666D33

686D49

■ 646D28

■ 6A6D54

■ 636D1D

■ 6B6D5F

■ 616D12

■ 6D6D6A

■ 606D08

■ 6E6D74

■ 5F6D00

■ 6F6D7F

■ 716D8A

■ 726D95

■ 746DA0

Harmonies

Analogous

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



7E663C



676D3E



4D724C

Triad

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



676D3E



0C738D



915870

Complementary

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



676D3E



443E6D

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.



805D85



676D3E



3C6D96

Square

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



676D3E



03757A



636693



965859

Rectangle

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



676D3E



39745A



636693



8D5978

Sweetspot

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



676D3E



8C8F7C



6D433E



46473C



C7C7C7



474747

Same Dimension

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



676D3E



858F45



506D3E



353630



667500



D6F500

Inverse Universe

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



443E6D



4E458F



5B3E6D



313036



0F0075



1F00F5

Previews

White Background



This preview shows how the Hex color 676D3E looks on a white background.

Color Contrast Check

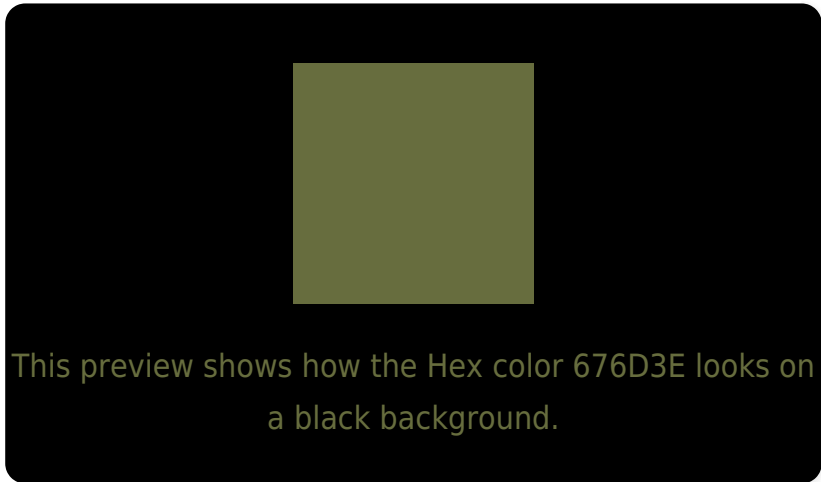
Large Text (above 18pt) WCAG AA ✓ Pass

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

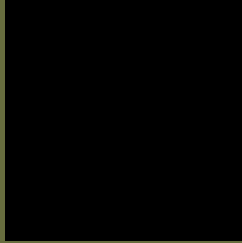
Any Text WCAG AA × Fail

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 676D3E Background



This preview shows how black text looks on a background with the Hex color 676D3E.



This preview shows how white text looks on a background with the Hex color 676D3E.

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
676D3E

Protanopia
73693D

Deuteranopia
7F6440



Tritanopia
6D676F

Trichromacy



Original Color
676D3E

Protanomaly
6F6A3D

Deuteranomaly
76673F

Tritanomaly
6B695D

Monochromacy



Original Color
676D3E

Achromatopsia
666666

Achromatomaly
666957

CSS Examples

Text

The CSS property to change the color of the text to Hex 676D3E 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 #676D3E looks like.

```
.text, #text, p{  
    color:#676D3E  
}
```

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 #676D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676D3E
}
```

Border

The CSS property to change the border of an element to Hex 676D3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

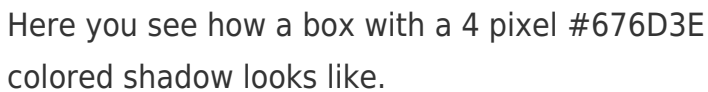
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676D3E }
```

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

```
.border{ border-color:#676D3E }
```

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



Here you see how a box with a 4 pixel #676D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676D3E; -webkit-box-shadow:4px 4px  
4px 4px #676D3E; box-shadow:4px 4px 4px  
4px #676D3E }
```

Background

The CSS property to change the background color of an element to Hex 676D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676D3E }
```

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

```
.background{ background-color:#676D3E }
```

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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