

Converting Colors

Hex(687C3E)

Have a look what the booklet for
Hex(687C3E) contains.

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Color

Hex(687C3E)

Conversions

Conversions Part 1

Format	Color
Hex	687C3E
RGB	104, 124, 62
RGB Percent	41%, 49%, 24%
CMY	0.5922, 0.5137, 0.7569
CMYK	0.16, 0.00, 0.50, 0.51
HSL	79°, 33%, 36%
HSV	79°, 50%, 49%
XYZ	13.7861, 17.7062, 7.2485
YIQ	110.9520, 7.9820, -23.5220

Conversions

Conversions Part 2

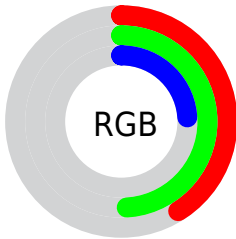
Format	Color
RYB	62, 124, 82
Decimal	6847550
CIELab	49.14, -18.06, 31.25
CIELCh	49, 36.093, 120.025
Yxy	17.7062, 0.3559, 0.4570
Android (android.graphics.Color)	4285037630 (0xFF687C3E)
YUV	110.9520, -24.1333, -6.0969
Hunter-Lab	42.0787, -15.1565, 19.2418

Details

The Hex color **687C3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **523E7C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9CB16F**, and **374B0F** is the 20% darker color. If you saturate the color by 10%, you get **647C32**, and if you desaturate by 10%, it is **6C7C4A**.

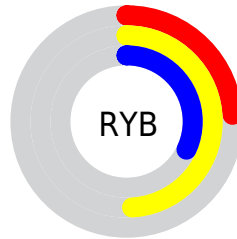
Distribution



Red (41%)

Green (49%)

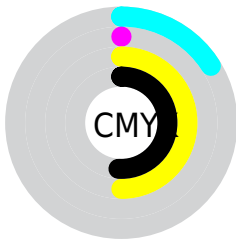
Blue (24%)



Red (24%)

Yellow (49%)

Blue (32%)

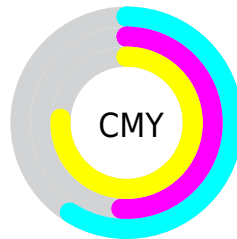


Cyan (16%)

Magenta (0%)

Yellow (50%)

Black (51%)



Cyan (59%)

Magenta (51%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687C3E 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 687C3E by changing the saturation by 10% instead.



687C3E



687C3E

FFFFFF



4F6327



9CB16F



374B0F



B8CC89



213400



D4E8A4



041F00



F0FFBF



000000



FFFFDB



FFFFF8



687C3E



687C3E



647C32



6C7C4A

■ 607C25

■ 707C57

■ 5C7C19

■ 747C63

■ 587C0C

■ 787C70

■ 547C00

■ 7C7C7C

■ 807C88

■ 847C95

■ 887CA1

■ 8C7CAE

Harmonies

Analogous

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



877336



687C3E



428255

Triad

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



687C3E



0080A9



AD5B76

Complementary

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



687C3E



523E7C

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.



9B6194



687C3E



4078B2

Square

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



687C3E



008492



776DAA



AD5E58

Rectangle

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



687C3E



1A8469



776DAA



A95D80

Sweetspot

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



687C3E



99A189



7C523E



4D5243



D1D1D1



525252

Same Dimension

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



687C3E



82A140



497C3E



3B3D37



557D00



ABFC00

Inverse Universe

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



523E7C



5F40A1



713E7C



39373D



28007D



5100FC

Previews

White Background



This preview shows how the Hex color 687C3E looks on a white background.

Color Contrast Check

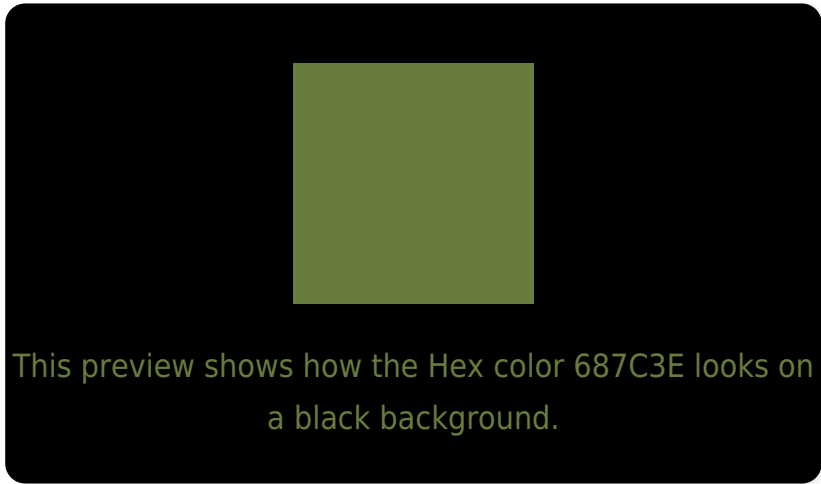
Large Text (above 18pt) WCAG AA ✓ Pass

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

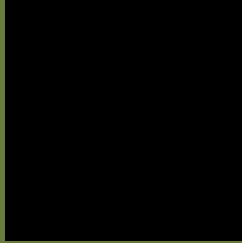
Any Text WCAG AA ✓ Pass

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 687C3E Background



This preview shows how black text looks on a background with the Hex color 687C3E.



This preview shows how white text looks on a background with the Hex color 687C3E.

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
687C3E

Protanopia
81753C

Deuteranopia
8E6F41



Tritanopia
70757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 687C3E 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 #687C3E looks like.

```
.text, #text, p{  
    color:#687C3E  
}
```

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 #687C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687C3E
}
```

Border

The CSS property to change the border of an element to Hex 687C3E 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
#687C3E }
```

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

```
.border{ border-color:#687C3E }
```

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

Here you see how a box with a 4 pixel #687C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687C3E; -webkit-box-shadow:4px 4px  
4px 4px #687C3E; box-shadow:4px 4px 4px  
4px #687C3E }
```

Background

The CSS property to change the background color of an element to Hex 687C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687C3E }
```

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

```
.background{ background-color:#687C3E }
```

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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