

Converting Colors

Hex(687A4B)

Have a look what the booklet for
Hex(687A4B) contains.

Hex(687A4B)	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(687A4B)

Conversions

Conversions Part 1

Format	Color
Hex	687A4B
RGB	104, 122, 75
RGB Percent	41%, 48%, 29%
CMY	0.5922, 0.5216, 0.7059
CMYK	0.15, 0.00, 0.39, 0.52
HSL	83°, 24%, 39%
HSV	83°, 39%, 48%
XYZ	13.9385, 17.3701, 9.2747
YIQ	111.2600, 4.3590, -18.4330

Conversions

Conversions Part 2

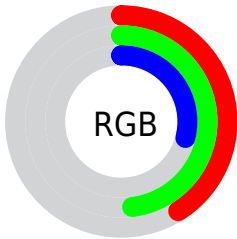
Format	Color
RYB	75, 122, 93
Decimal	6847051
CIELab	48.72, -15.31, 23.59
CIElCh	49, 28.124, 122.977
Yxy	17.3701, 0.3435, 0.4280
Android (android.graphics.Color)	4285037131 (0xFF687A4B)
YUV	111.2600, -17.8762, -6.3670
Hunter-Lab	41.6775, -13.2387, 15.9801

Details

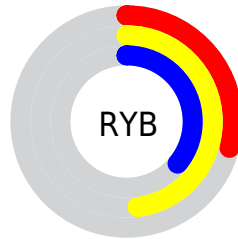
The Hex color **687A4B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5D4B7A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9CAE7C**, and **38491E** is the 20% darker color. If you saturate the color by 10%, you get **637A3F**, and if you desaturate by 10%, it is **6D7A57**.

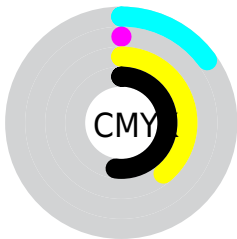
Distribution



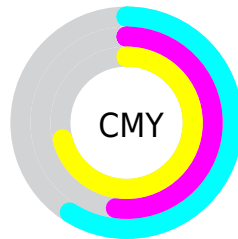
- Red (41%)
- Green (48%)
- Blue (29%)



- Red (29%)
- Yellow (48%)
- Blue (36%)



- Cyan (15%)
- Magenta (0%)
- Yellow (39%)
- Black (52%)



- Cyan (59%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687A4B 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 687A4B by changing the saturation by 10% instead.



687A4B



687A4B

FFFFFF



4F6134



9CAE7C



38491E



B7CA96



213307



D3E6B1



091E00



EFFFCD



000000



FFFFE9



687A4B



687A4B



637A3F



6D7A57



5F7A33



717A63

 5A7A26

 767A70

 557A1A

 7B7A7C

 517A0E

 7F7A88

 4C7A02

 847A94

 4B7A00

 897AA0

 8D7AAD

 927AB9

Harmonies

Analogous

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



817344



687A4B



4B7F5D

Triad

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



687A4B



2B7C9E



A16172

Complementary

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



687A4B



5D4B7A

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.



94658A



687A4B



5575A3

Square

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



687A4B



0F808D



7A6D9C



A1645B

Rectangle

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



687A4B



36806D



7A6D9C



9E627A

Sweetspot

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



687A4B



979E8B



7A5C4B



4B4F44



CFCFCF



4F4F4F

Same Dimension

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



687A4B



829E55



517A4B



3B3D37



4D7D00



9CFC00

Inverse Universe

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



5D4B7A



71559E



744B7A



39373D



30007D



6100FC

Previews

White Background



This preview shows how the Hex color 687A4B looks on a white background.

Color Contrast Check

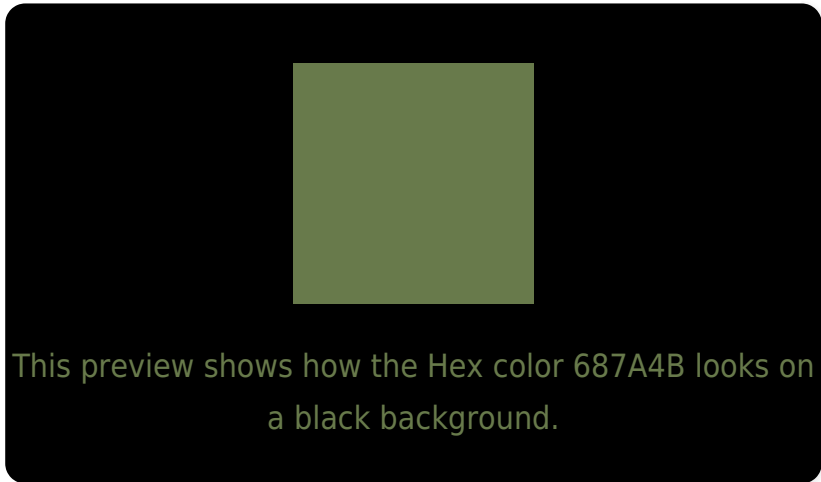
Large Text (above 18pt) WCAG AA ✓ Pass

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

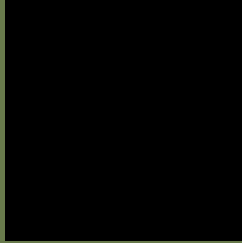
Any Text WCAG AA × Fail

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 687A4B Background



This preview shows how black text looks on a background with the Hex color 687A4B.



This preview shows how white text looks on a background with the Hex color 687A4B.

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
687A4B

Protanopia
7E7448

Deuteranopia
8A6E4E



Tritanopia
6F747D

Trichromacy



Original Color
687A4B

Protanomaly
767649

Deuteranomaly
7E724D

Tritanomaly
6C766B

Monochromacy



Original Color
687A4B

Achromatopsia
6F6F6F

Achromatomaly
6C7362

CSS Examples

Text

The CSS property to change the color of the text to Hex 687A4B 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 #687A4B looks like.

```
.text, #text, p{  
    color:#687A4B  
}
```

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 #687A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687A4B
}
```

Border

The CSS property to change the border of an element to Hex 687A4B 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
#687A4B }
```

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

```
.border{ border-color:#687A4B }
```

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

Here you see how a box with a 4 pixel #687A4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687A4B; -webkit-box-shadow:4px 4px  
4px 4px #687A4B; box-shadow:4px 4px 4px  
4px #687A4B }
```

Background

The CSS property to change the background color of an element to Hex 687A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687A4B }
```

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

```
.background{ background-color:#687A4B }
```

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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