

Converting Colors

Hex(686D4E)

Have a look what the booklet for
Hex(686D4E) contains.

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Color

Hex(686D4E)

Conversions

Conversions Part 1

Format	Color
Hex	686D4E
RGB	104, 109, 78
RGB Percent	41%, 43%, 31%
CMY	0.5922, 0.5725, 0.6941
CMYK	0.05, 0.00, 0.28, 0.57
HSL	70°, 17%, 37%
HSV	70°, 28%, 43%
XYZ	12.5527, 14.4304, 9.3315
YIQ	103.9710, 6.9710, -10.7010

Conversions

Conversions Part 2

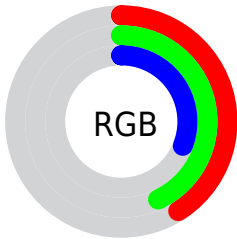
Format	Color
RYB	78, 109, 83
Decimal	6843726
CIELab	44.84, -7.63, 16.73
CIELCh	45, 18.385, 114.529
Yxy	14.4304, 0.3457, 0.3974
Android (android.graphics.Color)	4285033806 (0xFF686D4E)
YUV	103.9710, -12.8037, 0.0254
Hunter-Lab	37.9874, -7.4936, 12.0268

Details

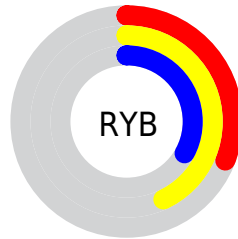
The Hex color **686D4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **534E6D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9BA07F**, and **383E21** is the 20% darker color. If you saturate the color by 10%, you get **666D43**, and if you desaturate by 10%, it is **6A6D59**.

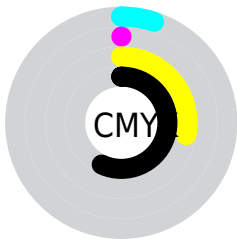
Distribution



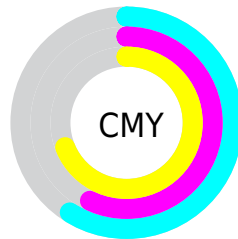
- Red (41%)
- Green (43%)
- Blue (31%)



- Red (31%)
- Yellow (43%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (57%)



- Cyan (59%)
- Magenta (57%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686D4E 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 686D4E by changing the saturation by 10% instead.



686D4E



686D4E

FFFFFF



505537



9BA07F



383E21



B6BB99



23280C



D2D7B4



071400



EFF4D0



000000



FFF FEC



686D4E



686D4E



666D43



6A6D59



646D38



6C6D64

636D2D

6D6D6F

616D22

6F6D7A

5F6D18

716D85

5D6D0D

736D8F

5C6D02

746D9A

5B6D00

766DA5

786DB0

Harmonies

Analogous

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



78684C



686D4E



567158

Triad

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



686D4E



427083



865F6E

Complementary

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



686D4E



534E6D

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.



7B627C



686D4E



536C88

Square

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



686D4E



3D7276



696786



89605E

Rectangle

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



686D4E



4B7261



696786



846073

Sweetspot

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



686D4E



8D8F82



6D534E



464740



C7C7C7



474747

Same Dimension

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



686D4E



878F5E



596D4E



353630



627500



CDF500

Inverse Universe

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



534E6D



665E8F



624E6D



313036



130075



2700F5

Previews

White Background



This preview shows how the Hex color 686D4E looks on a white background.

Color Contrast Check

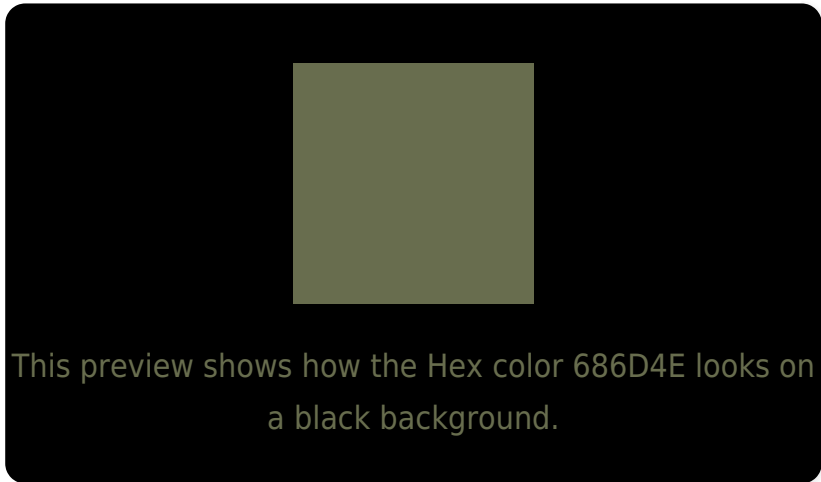
Large Text (above 18pt) WCAG AA ✓ Pass

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

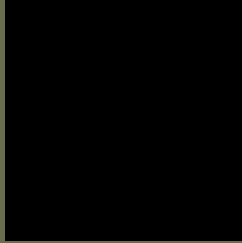
Any Text WCAG AA × Fail

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 686D4E Background



This preview shows how black text looks on a background with the Hex color 686D4E.



This preview shows how white text looks on a background with the Hex color 686D4E.

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
686D4E

Protanopia
726A4D

Deuteranopia
7D6650



Tritanopia
6D6971

Trichromacy



Original Color
686D4E

Protanomaly
6E6B4D

Deuteranomaly
75694F

Tritanomaly
6B6A64

Monochromacy



Original Color
686D4E

Achromatopsia
686868

Achromatomaly
686A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 686D4E 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 #686D4E looks like.

```
.text, #text, p{  
    color:#686D4E  
}
```

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 #686D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686D4E
}
```

Border

The CSS property to change the border of an element to Hex 686D4E 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".

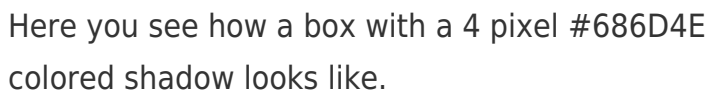
```
.border, #border, table{ border:4px solid
#686D4E }
```

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

```
.border{ border-color:#686D4E }
```

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

Here you see how a box with a 4 pixel #686D4E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686D4E; -webkit-box-shadow:4px 4px  
4px 4px #686D4E; box-shadow:4px 4px 4px  
4px #686D4E }
```

Background

The CSS property to change the background color of an element to Hex 686D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686D4E }
```

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

```
.background{ background-color:#686D4E }
```

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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