

Converting Colors

Hex(686F42)

Have a look what the booklet for
Hex(686F42) contains.

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Color

Hex(686F42)

Conversions

Conversions Part 1

Format	Color
Hex	686F42
RGB	104, 111, 66
RGB Percent	41%, 44%, 26%
CMY	0.5922, 0.5647, 0.7412
CMYK	0.06, 0.00, 0.41, 0.56
HSL	69°, 25%, 35%
HSV	69°, 41%, 44%
XYZ	12.3767, 14.7053, 7.3403
YIQ	103.7770, 10.2730, -15.4790

Conversions

Conversions Part 2

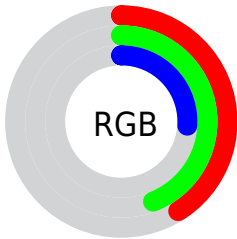
Format	Color
RYB	66, 111, 73
Decimal	6844226
CIELab	45.23, -10.48, 24.17
CIELCh	45, 26.343, 113.449
Yxy	14.7053, 0.3596, 0.4272
Android (android.graphics.Color)	4285034306 (0xFF686F42)
YUV	103.7770, -18.6241, 0.1956
Hunter-Lab	38.3475, -9.4968, 15.4941

Details

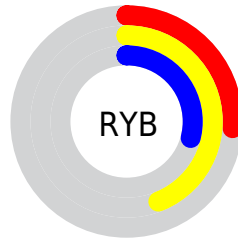
The Hex color **686F42** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **49426F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9CA373**, and **383F15** is the 20% darker color. If you saturate the color by 10%, you get **666F37**, and if you desaturate by 10%, it is **6A6F4D**.

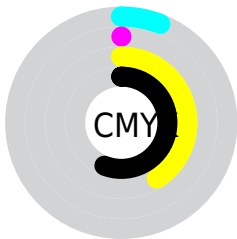
Distribution



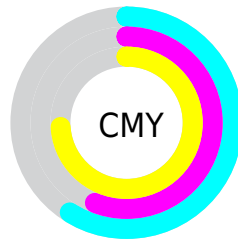
- Red (41%)
- Green (44%)
- Blue (26%)



- Red (26%)
- Yellow (44%)
- Blue (29%)



- Cyan (6%)
- Magenta (0%)
- Yellow (41%)
- Black (56%)



- Cyan (59%)
- Magenta (56%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686F42 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 686F42 by changing the saturation by 10% instead.



686F42



686F42

FFFFFF



4F572B



9CA373



383F15



B7BE8C



232900



D3D9A7



021600



EFF6C2



000000



FFFFDE



FFFFFB



686F42



686F42



666F37



6A6F4D

■ 656F2C

■ 6B6F58

■ 636F21

■ 6D6F63

■ 616F16

■ 6F6F6E

■ 5F6F0A

■ 716F7A

■ 5E6F00

■ 726F85

■ 746F90

■ 766F9B

■ 786FA6

Harmonies

Analogous

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



7E683F



686F42



4E7450

Triad

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



686F42



1E748E



925A71

Complementary

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



686F42



49426F

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.



825F85



686F42



436F96

Square

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



686F42



15777C



676793



965B5B

Rectangle

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



686F42



3C765E



676793



8E5C78

Sweetspot

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



686F42



8F9180



6F4942



484A40



C9C9C9



4A4A4A

Same Dimension

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



686F42



86914A



526F42



373832



657800



D1F700

Inverse Universe

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



49426F



554A91



5F426F



333238



130078



2600F7

Previews

White Background



This preview shows how the Hex color 686F42 looks on a white background.

Color Contrast Check

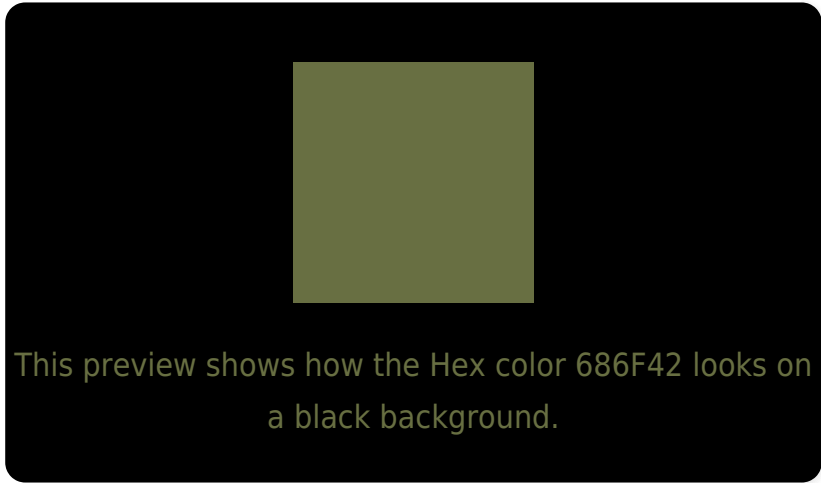
Large Text (above 18pt) WCAG AA ✓ Pass

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

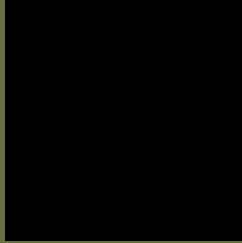
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

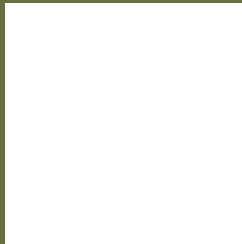
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 686F42 Background



This preview shows how black text looks on a background with the Hex color 686F42.



This preview shows how white text looks on a background with the Hex color 686F42.

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
686F42

Protanopia
756B40

Deuteranopia
816644



Tritanopia
6E6972

Trichromacy



Original Color
686F42

Protanomaly
706C41

Deuteranomaly
786943

Tritanomaly
6C6B61

Monochromacy



Original Color
686F42

Achromatopsia
686868

Achromatomaly
686B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 686F42 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 #686F42 looks like.

```
.text, #text, p{  
    color:#686F42  
}
```

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 #686F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686F42
}
```

Border

The CSS property to change the border of an element to Hex 686F42 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
#686F42 }
```

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

```
.border{ border-color:#686F42 }
```

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

Here you see how a box with a 4 pixel #686F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686F42; -webkit-box-shadow:4px 4px  
4px 4px #686F42; box-shadow:4px 4px 4px  
4px #686F42 }
```

Background

The CSS property to change the background color of an element to Hex 686F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686F42 }
```

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

```
.background{ background-color:#686F42 }
```

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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