

Converting Colors

Hex(686A52)

Have a look what the booklet for
Hex(686A52) contains.

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Color

Hex(686A52)

Conversions

Conversions Part 1

Format	Color
Hex	686A52
RGB	104, 106, 82
RGB Percent	41%, 42%, 32%
CMY	0.5922, 0.5843, 0.6784
CMYK	0.02, 0.00, 0.23, 0.58
HSL	65°, 13%, 37%
HSV	65°, 23%, 42%
XYZ	12.3859, 13.8603, 10.0051
YIQ	102.6660, 6.5120, -7.8880

Conversions

Conversions Part 2

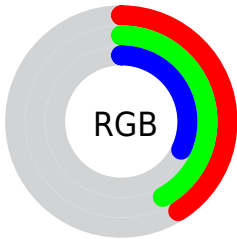
Format	Color
RYB	82, 106, 84
Decimal	6842962
CIELab	44.03, -5.26, 13.25
CIELCh	44, 14.260, 111.666
Yxy	13.8603, 0.3417, 0.3823
Android (android.graphics.Color)	4285033042 (0xFF686A52)
YUV	102.6660, -10.1883, 1.1699
Hunter-Lab	37.2295, -5.7660, 10.1269

Details

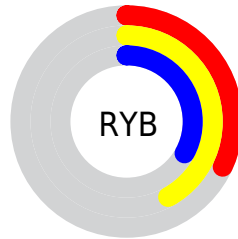
The Hex color **686A52** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54526A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9B9D83**, and **393B25** is the 20% darker color. If you saturate the color by 10%, you get **676A47**, and if you desaturate by 10%, it is **696A5D**.

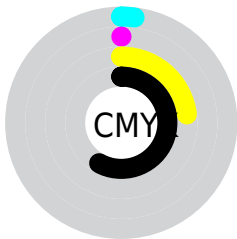
Distribution



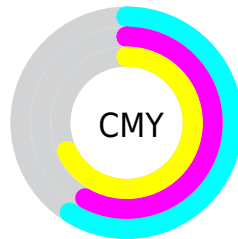
- Red (41%)
- Green (42%)
- Blue (32%)



- Red (32%)
- Yellow (42%)
- Blue (33%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686A52 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 686A52 by changing the saturation by 10% instead.



686A52



686A52

FFFFFF



50523B



9B9D83



393B25



B6B89E



232510



D2D4B9



091100



EEF0D4



000000



FFFFFF1



686A52



686A52



676A47



696A5D



666A3D



6A6A67

656A32

6B6A72

646A28

6C6A7C

646A1D

6C6A87

636A12

6D6A92

626A08

6E6A9C

616A00

6F6AA7

706AB1

Harmonies

Analogous

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



746651



686A52



5A6D59

Triad

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



686A52



4A6D7A



7E606C

Complementary

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



686A52



54526A

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.



746277



686A52



566A7F

Square

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



686A52



486F70



66667E



816060

Rectangle

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



686A52



526E60



66667E



7B6170

Sweetspot

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



686A52



898A80



6A5452



44453F



C4C4C4



454545

Same Dimension

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



686A52



878A65



5C6A52



353630



6C7500



E0F500

Inverse Universe

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



54526A



68658A



60526A



313036



0A0075



1400F5

Previews

White Background



This preview shows how the Hex color 686A52 looks on a white background.

Color Contrast Check

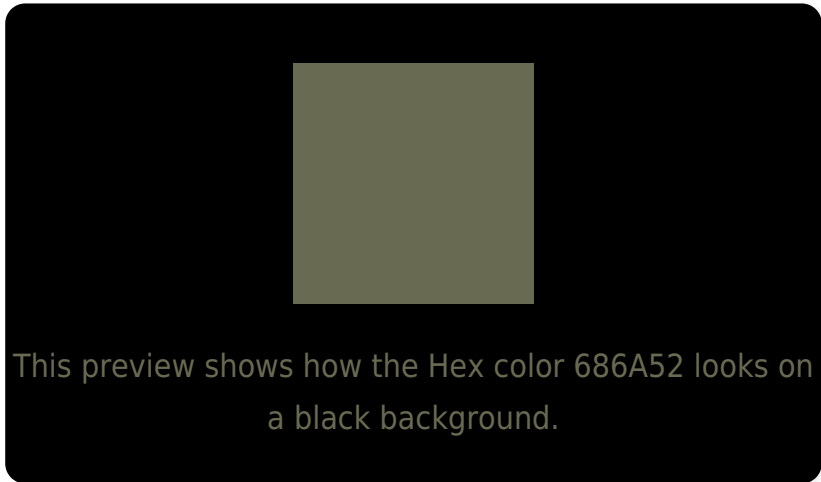
Large Text (above 18pt) WCAG AA ✓ Pass

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

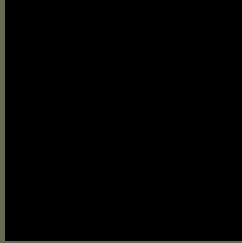
Any Text WCAG AA × Fail

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 686A52 Background



This preview shows how black text looks on a background with the Hex color 686A52.



This preview shows how white text looks on a background with the Hex color 686A52.

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
686A52

Protanopia
6F6851

Deuteranopia
796453



Tritanopia
6C666E

Trichromacy



Original Color
686A52

Protanomaly
6C6951

Deuteranomaly
736653

Tritanomaly
6B6764

Monochromacy



Original Color
686A52

Achromatopsia
676767

Achromatomaly
67685F

CSS Examples

Text

The CSS property to change the color of the text to Hex 686A52 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 #686A52 looks like.

```
.text, #text, p{  
    color:#686A52  
}
```

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 #686A52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686A52
}
```

Border

The CSS property to change the border of an element to Hex 686A52 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
#686A52 }
```

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

```
.border{ border-color:#686A52 }
```

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

Here you see how a box with a 4 pixel #686A52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686A52; -webkit-box-shadow:4px 4px  
4px 4px #686A52; box-shadow:4px 4px 4px  
4px #686A52 }
```

Background

The CSS property to change the background color of an element to Hex 686A52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686A52 }
```

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

```
.background{ background-color:#686A52 }
```

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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