

Converting Colors

Hex(686A54)

Have a look what the booklet for
Hex(686A54) contains.

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Color

Hex(686A54)

Conversions

Conversions Part 1

Format	Color
Hex	686A54
RGB	104, 106, 84
RGB Percent	41%, 42%, 33%
CMY	0.5922, 0.5843, 0.6706
CMYK	0.02, 0.00, 0.21, 0.58
HSL	65°, 12%, 37%
HSV	65°, 21%, 42%
XYZ	12.4632, 13.8912, 10.4119
YIQ	102.8940, 5.8700, -7.2660

Conversions

Conversions Part 2

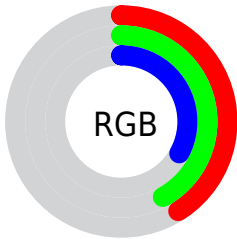
Format	Color
R_{YB}	84, 106, 86
Decimal	6842964
CIE Lab	44.08, -4.93, 12.12
CIE LCh	44, 13.087, 112.135
Yxy	13.8912, 0.3390, 0.3778
Android (android.graphics.Color)	4285033044 (0xFF686A54)
YUV	102.8940, -9.3147, 0.9700
Hunter-Lab	37.2709, -5.5347, 9.5266

Details

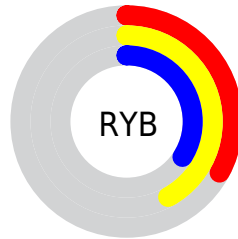
The Hex color **686A54** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **56546A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9B9D86**, and **393B27** is the 20% darker color. If you saturate the color by 10%, you get **676A49**, and if you desaturate by 10%, it is **696A5F**.

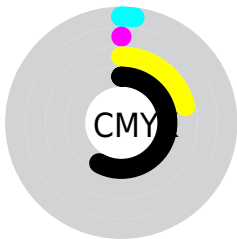
Distribution



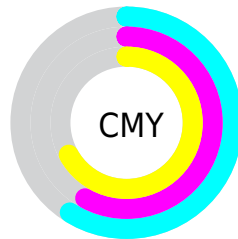
- Red (41%)
- Green (42%)
- Blue (33%)



- Red (33%)
- Yellow (42%)
- Blue (34%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686A54 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 686A54 by changing the saturation by 10% instead.



686A54



686A54

FFFFFF



50523D



9B9D86



393B27



B6B8A0



232512



D2D4BB



0A1100



EEF0D7



000000



FFFFF3



686A54



686A54



676A49



696A5F



666A3F



6A6A69

■ 656A34

■ 6B6A74

■ 646A2A

■ 6C6A7E

■ 636A1F

■ 6D6A89

■ 626A14

■ 6E6A94

■ 616A0A

■ 6F6A9E

■ 606A00

■ 706AA9

■ 716AB3

Harmonies

Analogous

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



736653



686A54



5C6D5B

Triad

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



686A54



4E6D79



7C616B

Complementary

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



686A54



56546A

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.



746376



686A54



586A7D

Square

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



686A54



4B6E70



66667C



7F6160

Rectangle

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



686A54



546E61



66667C



7A616F

Sweetspot

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



686A54



898A81



6A5654



444540



C4C4C4



454545

Same Dimension

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



686A54



878A67



5D6A54



353630



6B7500



DFF500

Inverse Universe

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



56546A



6A678A



61546A



313036



0B0075



1600F5

Previews

White Background



This preview shows how the Hex color 686A54 looks on a white background.

Color Contrast Check

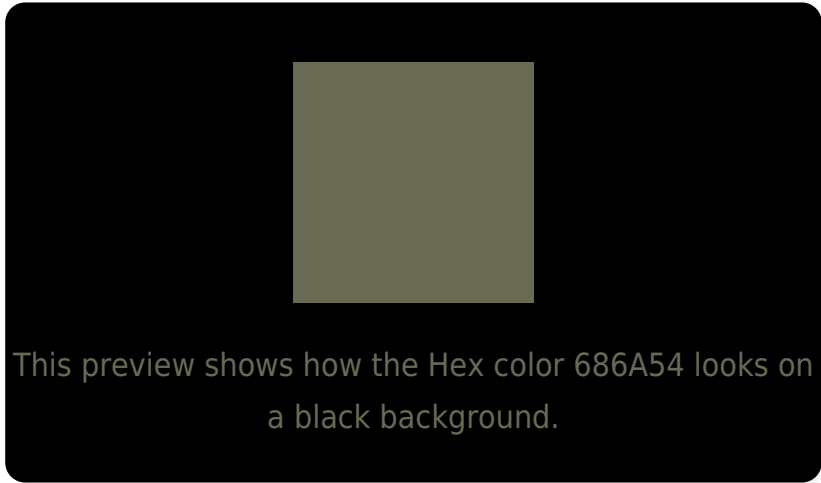
Large Text (above 18pt) WCAG AA ✓ Pass

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

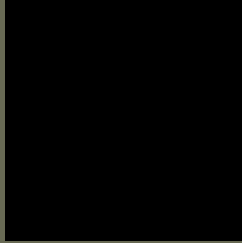
Any Text WCAG AA × Fail

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 686A54 Background



This preview shows how black text looks on a background with the Hex color 686A54.



This preview shows how white text looks on a background with the Hex color 686A54.

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


686A54

Protanopia

6F6853

Deuteranopia

796455



Tritanopia
6C666E

Trichromacy



Original Color
686A54

Protanomaly
6C6953

Deuteranomaly
736655

Tritanomaly
6B6765

Monochromacy



Original Color
686A54

Achromatopsia
676767

Achromatomaly
676860

CSS Examples

Text

The CSS property to change the color of the text to Hex 686A54 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 #686A54 looks like.

```
.text, #text, p{  
    color:#686A54  
}
```

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 #686A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686A54
}
```

Border

The CSS property to change the border of an element to Hex 686A54 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
#686A54 }
```

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

```
.border{ border-color:#686A54 }
```

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

Here you see how a box with a 4 pixel #686A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686A54; -webkit-box-shadow:4px 4px  
4px 4px #686A54; box-shadow:4px 4px 4px  
4px #686A54 }
```

Background

The CSS property to change the background color of an element to Hex 686A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686A54 }
```

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

```
.background{ background-color:#686A54 }
```

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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