

# Converting Colors

Hex(6A685F)

Have a look what the booklet for  
Hex(6A685F) contains.

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# Color

Hex(6A685F)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 6A685F                    |
| RGB         | 106, 104, 95              |
| RGB Percent | 42%, 41%, 37%             |
| CMY         | 0.5843, 0.5922, 0.6275    |
| CMYK        | 0.00, 0.02, 0.10, 0.58    |
| HSL         | 49°, 5%, 39%              |
| HSV         | 49°, 10%, 42%             |
| XYZ         | 12.9597, 13.7910, 12.8054 |
| YIQ         | 103.5720, 4.0810, -2.3750 |

# Conversions

## Conversions Part 2

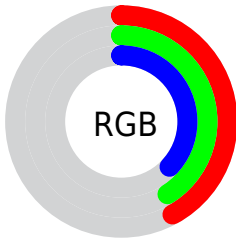
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 97, 106, 95                  |
| Decimal                             | 6973535                      |
| CIELab                              | 43.93, -0.98, 5.34           |
| CIELCh                              | 44, 5.431, 100.368           |
| Yxy                                 | 13.7910, 0.3276,<br>0.3486   |
| Android<br>(android.graphics.Color) | 4285163615<br>(0xFF6A685F)   |
| YUV                                 | 103.5720, -4.2260,<br>2.1294 |
| Hunter-Lab                          | 37.1363, -2.6959,<br>5.5510  |

# Details

The Hex color **6A685F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F616A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9D9B91**, and **3B3931** is the 20% darker color. If you saturate the color by 10%, you get **6A6654**, and if you desaturate by 10%, it is **6A6A6A**.

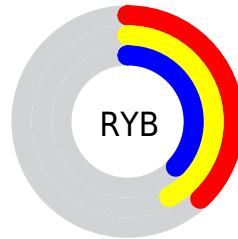
# Distribution



Red (42%)

Green (41%)

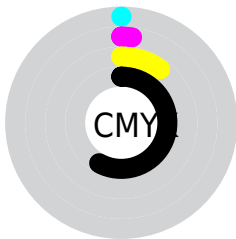
Blue (37%)



Red (38%)

Yellow (42%)

Blue (37%)

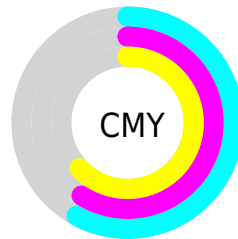


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (58%)



Cyan (58%)

Magenta (59%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A685F 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 6A685F by changing the saturation by 10% instead.





6A685F



6A685F

FFFFFF



525047



9D9B91



3B3931



B8B6AC



25241C



D4D1C7



110E01



F0EEE3



000000



6A685F



6A685F



6A6654



6A6A6A



6A644A



6A6C74



6A623F



6A6E7F

■ 6A6035

■ 6A7089

■ 6A5E2A

■ 6A7294

■ 6A5C1F

■ 6A749F

■ 6A5B15

■ 6A75A9

■ 6A590A

■ 6A77B4

■ 6A5700

■ 6A79BE

# Harmonies

## Analogous

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



6F675F



6A685F



656961

# Triad

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



6A685F



5D6A6D



6F656B

# Complementary

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



6A685F



5F616A

# 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.



6B666F



6A685F



606970

# Square

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



6A685F



5D6B69



656871



726566

# Rectangle

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



6A685F



616A63



656871



6E656C



# Sweetspot

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



6A685F



8A8986



6A5F61



454442



C4C4C4



454545



# Same Dimension

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



6A685F



8A8779



676A5F



363530



756000



F5C800



# Inverse Universe

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



5F616A



797C8A



625F6A



303136



001575



002DF5



# Previews

## White Background



This preview shows how the Hex color 6A685F looks on a white background.

## Color Contrast Check

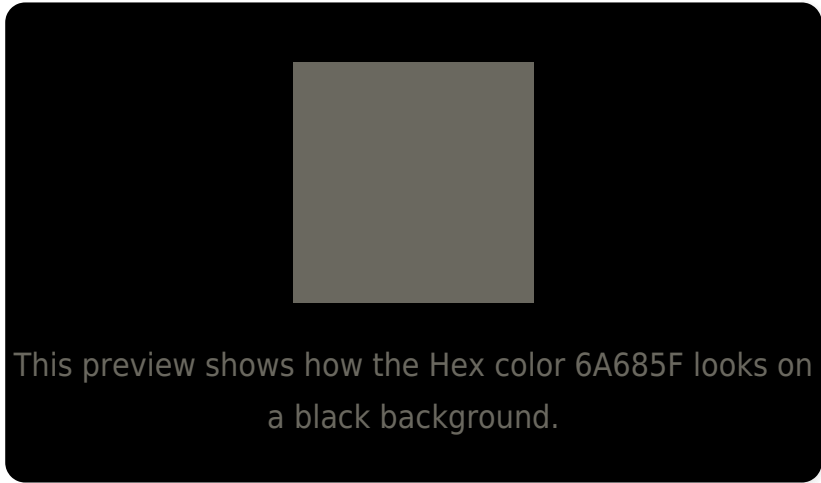
Large Text (above 18pt) WCAG AA ✓ Pass

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

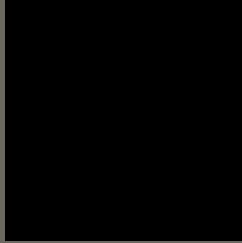
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

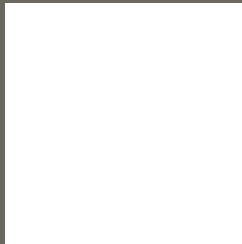
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A685F Background



This preview shows how black text looks on a background with the Hex color 6A685F.



This preview shows how white text looks on a background with the Hex color 6A685F.

# 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**


6A685F

**Protanopia**

6C675F

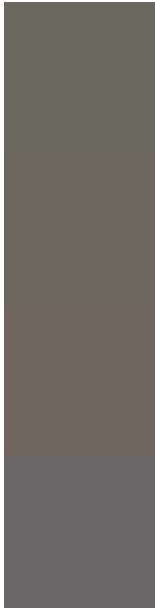
**Deuteranopia**

756460



**Tritanopia**  
6C666E

# Trichromacy



**Original Color**  
6A685F

**Protanomaly**  
6B675F

**Deuteranomaly**  
716560

**Tritanomaly**  
6B6769

# Monochromacy



**Original Color**  
6A685F

**Achromatopsia**  
686868

**Achromatomaly**  
696865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A685F 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 #6A685F looks like.

```
.text, #text, p{  
    color:#6A685F  
}
```

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 #6A685F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A685F
}
```

## Border

The CSS property to change the border of an element to Hex 6A685F is called "border". The border property can be set on classes, ids or directly on the HTML element.

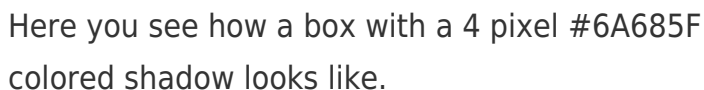
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A685F }
```

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

```
.border{ border-color:#6A685F }
```

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



Here you see how a box with a 4 pixel #6A685F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A685F; -webkit-box-shadow:4px 4px  
4px 4px #6A685F; box-shadow:4px 4px 4px  
4px #6A685F }
```

# Background

The CSS property to change the background color of an element to Hex 6A685F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A685F }
```

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

```
.background{ background-color:#6A685F }
```

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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