

Converting Colors

Hex(6D684C)

Have a look what the booklet for
Hex(6D684C) contains.

Hex(6D684C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D684C)

Conversions

Conversions Part 1

Format	Color
Hex	6D684C
RGB	109, 104, 76
RGB Percent	43%, 41%, 30%
CMY	0.5725, 0.5922, 0.7020
CMYK	0.00, 0.05, 0.30, 0.57
HSL	51°, 18%, 36%
HSV	51°, 30%, 43%
XYZ	12.5615, 13.6736, 8.8147
YIQ	102.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

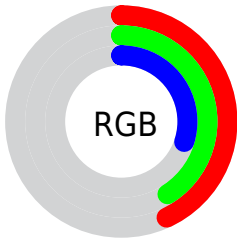
Format	Color
RYB	82, 109, 76
Decimal	7170124
CIELab	43.76, -2.91, 16.52
CIELCh	44, 16.771, 99.978
Yxy	13.6736, 0.3584, 0.3901
Android (android.graphics.Color)	4285360204 (0xFF6D684C)
YUV	102.3030, -12.9674, 5.8733
Hunter-Lab	36.9779, -4.0743, 11.7511

Details

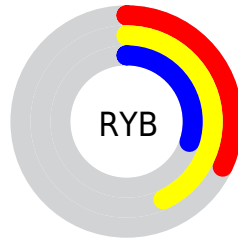
The Hex color **6D684C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4C516D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A19B7D**, and **3D3920** is the 20% darker color. If you saturate the color by 10%, you get **6D6641**, and if you desaturate by 10%, it is **6D6A57**.

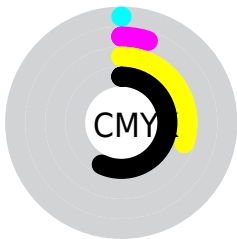
Distribution



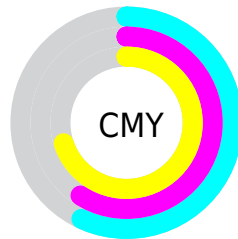
- Red (43%)
- Green (41%)
- Blue (30%)



- Red (32%)
- Yellow (43%)
- Blue (30%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (57%)



- Cyan (57%)
- Magenta (59%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D684C 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 6D684C by changing the saturation by 10% instead.

 6D684C

 6D684C

FFFFFF

 545035

 A19B7D

 3D3920

 BCB697

 272409

 D8D1B2

 0D0F00

 F5EECD

 000000

 FFFFEA

 6D684C

 6D684C

 6D6641

 6D6A57

 6D6536

 6D6B62

 6D632B

 6D6D6D

 6D6120

 6D6F78

 6D6015

 6D7083

 6D5E0B

 6D728D

 6D5C00

 6D7498

 6D75A3

 6D77AE

Harmonies

Analogous

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



7A634E



6D684C



5D6C52

Triad

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



6D684C



406E79



7D5F71

Complementary

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



6D684C



4C516D

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.



6F627D



6D684C



4B6B81

Square

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



6D684C



426F6C



5D6783



845D63

Rectangle

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



6D684C



536E59



5D6783



796076

Sweetspot

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



6D684C



8F8D82



6D4C52



474640



C7C7C7



474747

Same Dimension

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



6D684C



8F875B



626D4C



363530



756400



F5D000

Inverse Universe

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



4C516D



5B638F



574C6D



303136



001275



0025F5

Previews

White Background



This preview shows how the Hex color 6D684C looks on a white background.

Color Contrast Check

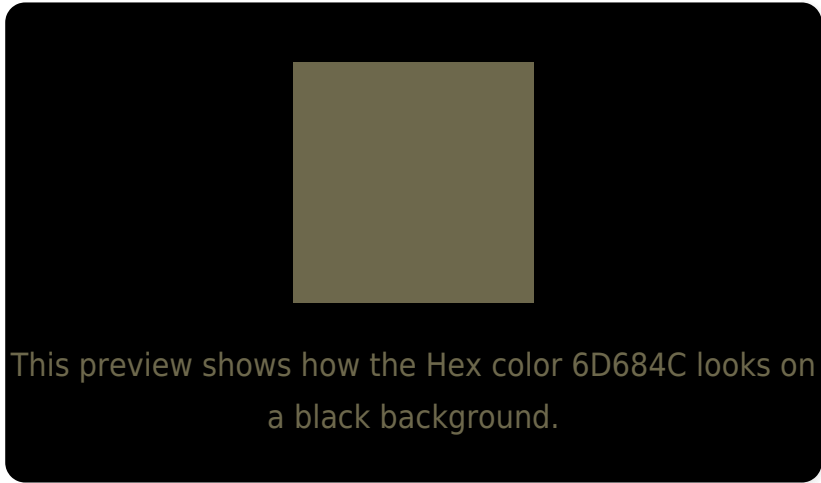
Large Text (above 18pt) WCAG AA ✓ Pass

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

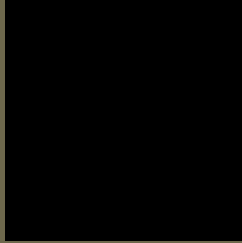
Any Text WCAG AA × Fail

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 6D684C Background



This preview shows how black text looks on a background with the Hex color 6D684C.



This preview shows how white text looks on a background with the Hex color 6D684C.

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
6D684C

Protanopia
6F674C

Deuteranopia
7A634D



Tritanopia
71646C

Trichromacy



Original Color
6D684C

Protanomaly
6E674C

Deuteranomaly
75654D

Tritanomaly
706560

Monochromacy



Original Color
6D684C

Achromatopsia
666666

Achromatomaly
69675D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D684C 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 #6D684C looks like.

```
.text, #text, p{  
    color:#6D684C  
}
```

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 #6D684C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D684C
}
```

Border

The CSS property to change the border of an element to Hex 6D684C 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".

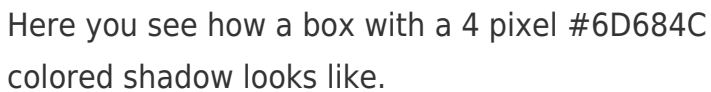
```
.border, #border, table{ border:4px solid
#6D684C }
```

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

```
.border{ border-color:#6D684C }
```

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

Here you see how a box with a 4 pixel #6D684C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D684C; -webkit-box-shadow:4px 4px  
4px 4px #6D684C; box-shadow:4px 4px 4px  
4px #6D684C }
```

Background

The CSS property to change the background color of an element to Hex 6D684C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D684C }
```

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

```
.background{ background-color:#6D684C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor