

# Converting Colors

Hex(6D674E)

Have a look what the booklet for  
Hex(6D674E) contains.

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# Color

**Hex(6D674E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D674E
RGB	109, 103, 78
RGB Percent	43%, 40%, 31%
CMY	0.5725, 0.5961, 0.6941
CMYK	0.00, 0.06, 0.28, 0.57
HSL	48°, 17%, 37%
HSV	48°, 28%, 43%
XYZ	12.5321, 13.5018, 9.1533
YIQ	101.9440, 11.6010, -6.5030

# Conversions

## Conversions Part 2

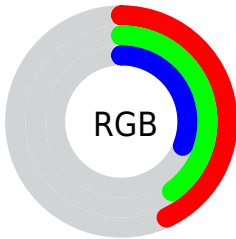
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 109, 78
Decimal	7169870
CIELab	43.51, -2.02, 14.99
CIELCh	44, 15.125, 97.679
Yxy	13.5018, 0.3562, 0.3837
Android (android.graphics.Color)	4285359950 (0xFF6D674E)
YUV	101.9440, -11.8044, 6.1881
Hunter-Lab	36.7447, -3.4246, 10.9519

# Details

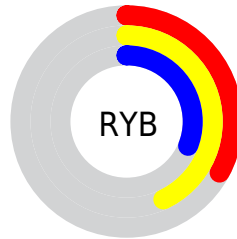
The Hex color **6D674E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E546D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A19A7F**, and **3D3821** is the 20% darker color. If you saturate the color by 10%, you get **6D6543**, and if you desaturate by 10%, it is **6D6959**.

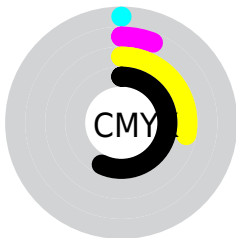
# Distribution



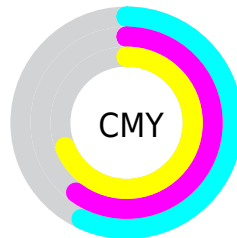
- Red (43%)
- Green (40%)
- Blue (31%)



- Red (33%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (6%)
- Yellow (28%)
- Black (57%)



- Cyan (57%)
- Magenta (60%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D674E 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 6D674E by changing the saturation by 10% instead.





6D674E



6D674E

FFFFFF



544F37



A19A7F



3D3821



BCB599



27230C



D8D0B4



0E0D00



F4EDD0



000000



FFFEC



6D674E



6D674E



6D6543



6D6959



6D6338



6D6B64

■ 6D612D

■ 6D6D6F

■ 6D5F22

■ 6D6F7A

■ 6D5C18

■ 6D7285

■ 6D5A0D

■ 6D748F

■ 6D5802

■ 6D769A

■ 6D5800

■ 6D78A5

■ 6D7AB0

# Harmonies

## Analogous

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



796350



6D674E



5F6B53

# Triad

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



6D674E



446D76



7A5F71

# Complementary

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



6D674E



4E546D

# 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.



6D637B



6D674E



4D6B7E

# Square

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



6D674E



466E6A



5C677F



805E64

# Rectangle

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



6D674E



556C59



5C677F



766074



# Sweetspot

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



6D674E



8F8C82



6D4E54



474640



C7C7C7



474747



# Same Dimension

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



6D674E



8F855E



646D4E



363530



755F00



F5C500



# Inverse Universe

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



4E546D



5E688F



574E6D



303136



001775



002FF5



# Previews

## White Background



This preview shows how the Hex color 6D674E 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

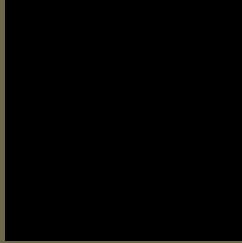
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D674E Background



This preview shows how black text looks on a background with the Hex color 6D674E.



This preview shows how white text looks on a background with the Hex color 6D674E.

# 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**  
6D674E

**Protanopia**  
6E674E

**Deuteranopia**  
79634F



**Tritanopia**  
70636B

# Trichromacy



**Original Color**  
6D674E

**Protanomaly**  
6E674E

**Deuteranomaly**  
75644F

**Tritanomaly**  
6F6460

# Monochromacy



**Original Color**  
6D674E

**Achromatopsia**  
666666

**Achromatomaly**  
69665D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D674E 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 #6D674E looks like.

```
.text, #text, p{  
    color:#6D674E  
}
```

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 #6D674E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D674E
}
```

## Border

The CSS property to change the border of an element to Hex 6D674E 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
#6D674E }
```

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

```
.border{ border-color:#6D674E }
```

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

Here you see how a box with a 4 pixel #6D674E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D674E; -webkit-box-shadow:4px 4px  
4px 4px #6D674E; box-shadow:4px 4px 4px  
4px #6D674E }
```

# Background

The CSS property to change the background color of an element to Hex 6D674E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D674E }
```

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

```
.background{ background-color:#6D674E }
```

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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