

# Converting Colors

Hex(3D674E)

Have a look what the booklet for  
Hex(3D674E) contains.

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# Color

**Hex(3D674E)**

# Conversions

Conversions Part 1	
Format	Color
Hex	3D674E
RGB	61, 103, 78
RGB Percent	24%, 40%, 31%
CMY	0.7608, 0.5961, 0.6941
CMYK	0.41, 0.00, 0.24, 0.60
HSL	144°, 26%, 32%
HSV	144°, 41%, 40%
XYZ	8.1499, 11.2427, 8.9482
YIQ	87.5920, -17.0070, -16.6790

# Conversions

## Conversions Part 2

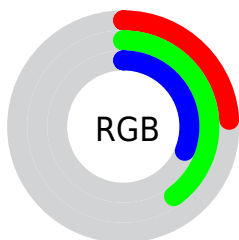
Format	Color
<a href="#">RYB</a>	<a href="#">61, 91, 103</a>
Decimal	<a href="#">4024142</a>
CIELab	<a href="#">39.99, -20.84, 9.57</a>
CIELCh	<a href="#">40, 22.932, 155.323</a>
Yxy	<a href="#">11.2427, 0.2876, 0.3967</a>
Android (android.graphics.Color)	<a href="#">4282214222</a> (0xFF3D674E)
YUV	<a href="#">87.5920, -4.7289, -23.3212</a>
Hunter-Lab	<a href="#">33.5301, -15.2912, 7.6482</a>

# Details

The Hex color **3D674E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **673D56**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6E9A7F**, and **0D3822** is the 20% darker color. If you saturate the color by 10%, you get **336748**, and if you desaturate by 10%, it is **476754**.

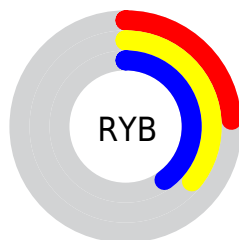
# Distribution



Red (24%)

Green (40%)

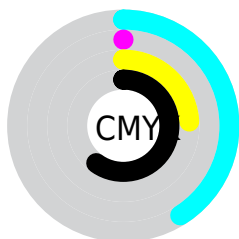
Blue (31%)



Red (24%)

Yellow (36%)

Blue (40%)

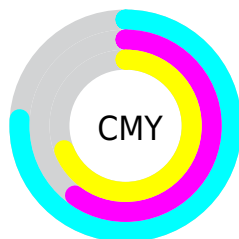


Cyan (41%)

Magenta (0%)

Yellow (24%)

Black (60%)



Cyan (76%)

Magenta (60%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D674E 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 3D674E by changing the saturation by 10% instead.



 3D674E

FFFFFF

 6E9A7F

 88B599

 A3D1B4

 BEEDCF

 DBFFEC

 F7FFFF

 3D674E

 254F37

 0D3822

 00220C

 000000

 3D674E

 336748

 3D674E

 476754

 286742

 52675A


 1E673C

 5C6760

 146735

 666767

 0A672F

 71676D

 00672A

 7B6773

 856779

 8F677F

 9A6785

# Harmonies

## Analogous

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



53643F



3D674E



266861

# Triad

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



3D674E



495F83



81524A

# Complementary

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



3D674E



673D56

# 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.



82505C



3D674E



65587D

# Square

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



3D674E



2B6480



79526E



78583D

# Rectangle

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



3D674E



1A686E



79526E



83514F



# Sweetspot

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



3D674E



77877D



56673D



3B453F



C4C4C4



454545



# Same Dimension

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



3D674E



458760



3D6763



2E3330



00732E



00F262



# Inverse Universe

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



673D56



87456C



673D41



332E31



730044



F20090



# Previews

## White Background



This preview shows how the Hex color 3D674E 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



This preview shows how the Hex color 3D674E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

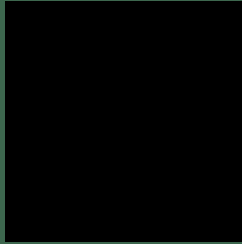
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D674E Background



This preview shows how black text looks on a background with the Hex color 3D674E.

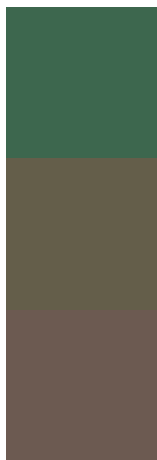


This preview shows how white text looks on a background with the Hex color 3D674E.

# 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**  
3D674E





**Protanopia**  
645E4A

**Deuteranopia**  
6C5A51






**Tritanopia**  
44636B

# Trichromacy

	<b>Original Color</b> 3D674E
	<b>Protanomaly</b> 56614B
	<b>Deuteranomaly</b> 5B5F50
	<b>Tritanomaly</b> 416460

# Monochromacy

	<b>Original Color</b> 3D674E
	<b>Achromatopsia</b> 585858
	<b>Achromatomaly</b> 4E5D54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D674E 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 #3D674E looks like.

```
.text, #text, p{  
    color:#3D674E  
}
```

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 #3D674E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D674E
}
```

## Border

The CSS property to change the border of an element to Hex 3D674E 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
#3D674E }
```

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

```
.border{ border-color:#3D674E }
```

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

Here you see how a box with a 4 pixel #3D674E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D674E; -webkit-box-shadow:4px 4px  
4px 4px #3D674E; box-shadow:4px 4px 4px  
4px #3D674E }
```

# Background

The CSS property to change the background color of an element to Hex 3D674E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D674E }
```

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

```
.background{ background-color:#3D674E }
```

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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