

# Converting Colors

Hex(3D574C)

Have a look what the booklet for  
Hex(3D574C) contains.

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# Color

Hex(3D574C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3D574C
RGB	61, 87, 76
RGB Percent	24%, 34%, 30%
CMY	0.7608, 0.6588, 0.7020
CMYK	0.30, 0.00, 0.13, 0.66
HSL	155°, 18%, 29%
HSV	155°, 30%, 34%
XYZ	6.6372, 8.3303, 8.0956
YIQ	77.9720, -11.9650, -8.9330

# Conversions

## Conversions Part 2

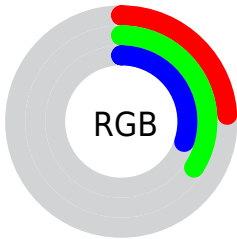
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 77, 87
Decimal	4020044
CIELab	34.66, -12.47, 3.25
CIELCh	35, 12.887, 165.401
Yxy	8.3303, 0.2878, 0.3612
Android (android.graphics.Color)	4282210124 (0xFF3D574C)
YUV	77.9720, -0.9722, -14.8844
Hunter-Lab	28.8622, -9.4610, 3.5733

# Details


The Hex color **3D574C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **573D48**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6D897D**, and **112A20** is the 20% darker color. If you saturate the color by 10%, you get **345748**, and if you desaturate by 10%, it is **465750**.

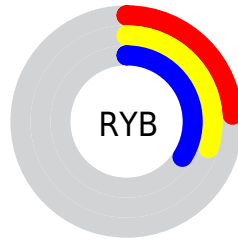
# Distribution



 Red (24%)

 Green (34%)

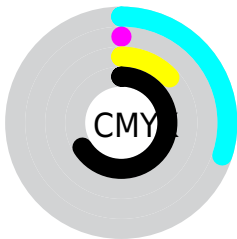
 Blue (30%)



 Red (24%)

 Yellow (30%)

 Blue (34%)

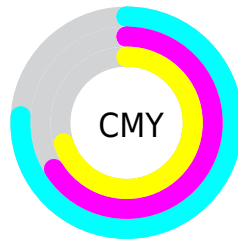



 Cyan (30%)


 Magenta (0%)

 Yellow (13%)

 Black (66%)



 Cyan (76%)

 Magenta (66%)

 Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D574C 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 3D574C by changing the saturation by 10% instead.





3D574C



3D574C

FFFFFF



264035



6D897D



112A20



87A397



001609



A1BEB1



000000



BCDACD



D8F7E9



F5FFFF



3D574C



3D574C



345748



465750

■ 2C5745

■ 4E5753

■ 235741

■ 575757

■ 1A573D

■ 60575B

■ 12573A

■ 69575E

■ 095736

■ 715762

■ 005732

■ 7A5766

■ 835769

■ 8B576D

# Harmonies

## Analogous

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



485543



3D574C



365757

# Triad

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



3D574C



4D5165



654C43

# Complementary

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



3D574C



573D48

# 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.



674A4D



3D574C



5A4D60

# Square

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



3D574C



3F5465



634B57



5E4F3E

# Rectangle

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



3D574C



35575D



634B57



664B46



# Sweetspot

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



3D574C



66706C



48573D



323835



B8B8B8



383838



# Same Dimension

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



3D574C



48705F



3D5557



272B2A



006B3E



00EB87



# Inverse Universe

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



573D48



704859



573F3D



2B2729



6B002D

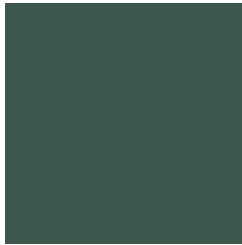


EB0063



# Previews

## White Background



This preview shows how the Hex color 3D574C looks on a white background.

## Color Contrast Check

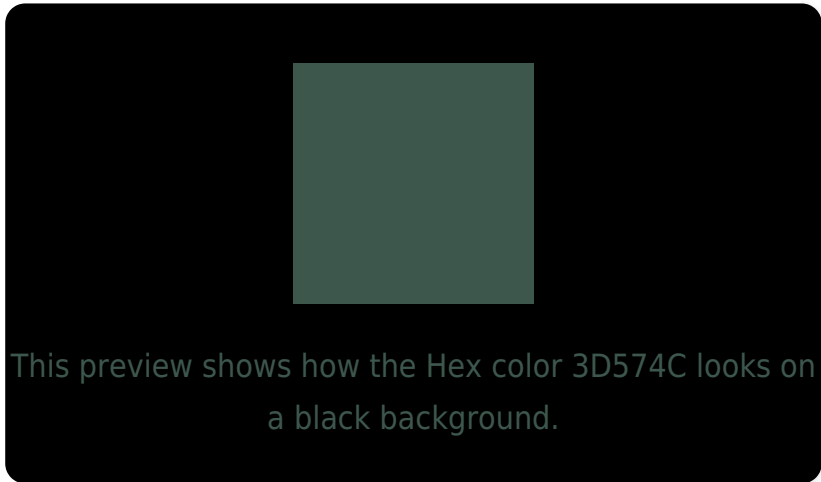
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

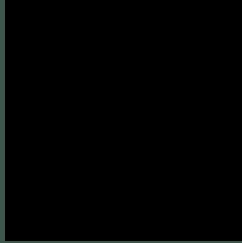
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D574C Background



This preview shows how black text looks on a background with the Hex color 3D574C.



This preview shows how white text looks on a background with the Hex color 3D574C.

# 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](#).

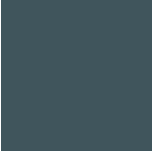
## Dichromacy



**Original Color**  
3D574C

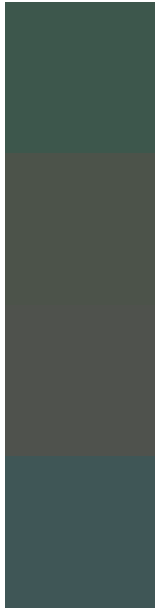
**Protanopia**  
555149

**Deuteranopia**  
5A4F4E



**Tritanopia**  
40555C

# Trichromacy



**Original Color**  
3D574C

**Protanomaly**  
4C534A

**Deuteranomaly**  
4F524D

**Tritanomaly**  
3F5656

# Monochromacy



**Original Color**  
3D574C

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
48514D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D574C 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 #3D574C looks like.

```
.text, #text, p{  
  color:#3D574C  
}
```

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 #3D574C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D574C
}
```

## Border

The CSS property to change the border of an element to Hex 3D574C is called "border". The border property can be set on classes, ids or directly on the HTML element.

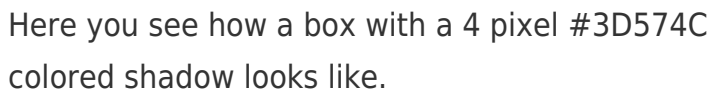
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D574C }
```

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

```
.border{ border-color:#3D574C }
```

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



Here you see how a box with a 4 pixel #3D574C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D574C; -webkit-box-shadow:4px 4px  
4px 4px #3D574C; box-shadow:4px 4px 4px  
4px #3D574C }
```

# Background

The CSS property to change the background color of an element to Hex 3D574C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D574C }
```

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

```
.background{ background-color:#3D574C }
```

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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