

Converting Colors

Hex(3D4D57)

Have a look what the booklet for
Hex(3D4D57) contains.

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Color

Hex(3D4D57)

Conversions

Conversions Part 1

Format	Color
Hex	3D4D57
RGB	61, 77, 87
RGB Percent	24%, 30%, 34%
CMY	0.7608, 0.6980, 0.6588
CMYK	0.30, 0.11, 0.00, 0.66
HSL	203°, 18%, 29%
HSV	203°, 30%, 34%
XYZ	6.2986, 6.9880, 10.0337
YIQ	73.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

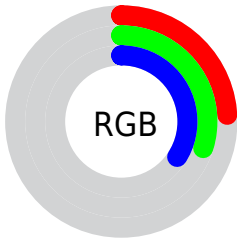
Format	Color
RYB	61, 71, 87
Decimal	4017495
CIELab	31.78, -3.61, -7.96
CIELCh	32, 8.739, 245.598
Yxy	6.9880, 0.2701, 0.2997
Android (android.graphics.Color)	4282207575 (0xFF3D4D57)
YUV	73.3560, 6.7265, -10.8362
Hunter-Lab	26.4348, -3.7295, -3.9999

Details

The Hex color **3D4D57** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **57473D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6D7E89**, and **11212A** is the 20% darker color. If you saturate the color by 10%, you get **344A57**, and if you desaturate by 10%, it is **465057**.

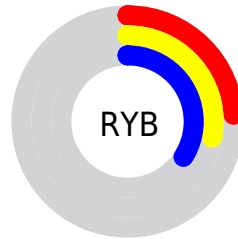
Distribution



Red (24%)

Green (30%)

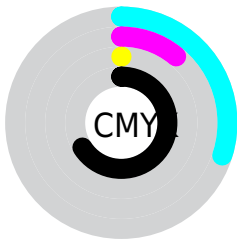
Blue (34%)



Red (24%)

Yellow (28%)

Blue (34%)

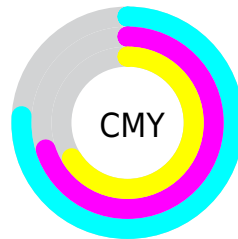


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (66%)



Cyan (76%)

Magenta (70%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4D57 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 3D4D57 by changing the saturation by 10% instead.

■ 3D4D57

■ 3D4D57

FFFFFF

■ 273640

■ 6D7E89

■ 11212A

■ 8798A3

■ 000A16

■ A1B2BE

■ 000000

■ BCCEDA

■ D8EAF6

■ F5FFFF

■ 3D4D57

■ 3D4D57

■ 344A57

■ 465057

■ 2C4657

■ 4E5457

■ 234357

■ 575757

■ 1A4057

■ 605A57

■ 123C57

■ 695E57

■ 093957

■ 716157

■ 003657

■ 7A6457

■ 836857

■ 8B6B57

Harmonies

Analogous

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



394E52



3D4D57



454B58

Triad

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



3D4D57



59464A



474D40

Complementary

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



3D4D57



57473D

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.



4F4B3D



3D4D57



594743

Square

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



3D4D57



554751



55483F



404E45

Rectangle

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



3D4D57



4B4957



55483F



4A4C3E

Sweetspot

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



3D4D57



666C70



3D5747



323638



B8B8B8



383838

Same Dimension

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



3D4D57



486170



3D4057



272A2B



00426B



0090EB

Inverse Universe

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



573D4D



704861



57543D



2B272A



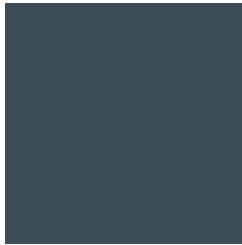
6B0042



EB0090

Previews

White Background



This preview shows how the Hex color 3D4D57 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 3D4D57 Background



This preview shows how black text looks on a background with the Hex color 3D4D57.



This preview shows how white text looks on a background with the Hex color 3D4D57.

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
3D4D57

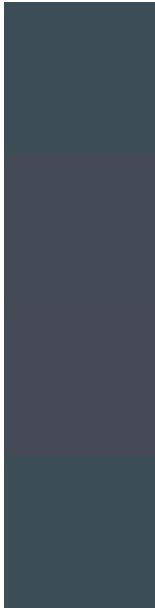
Protanopia
494A55

Deuteranopia
4B4958



Tritanopia
3C4E54

Trichromacy



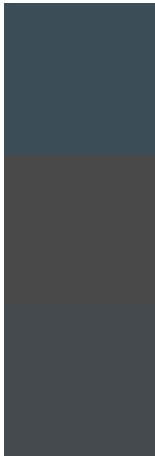
Original Color
3D4D57

Protanomaly
454B56

Deuteranomaly
464A58

Tritanomaly
3C4E55

Monochromacy



Original Color
3D4D57

Achromatopsia
494949

Achromatomaly
454A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4D57 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 #3D4D57 looks like.

```
.text, #text, p{  
  color:#3D4D57  
}
```

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 #3D4D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4D57
}
```

Border

The CSS property to change the border of an element to Hex 3D4D57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

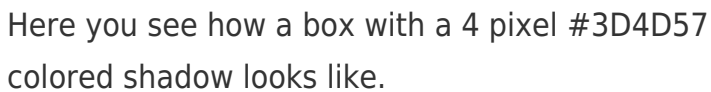
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D4D57 }
```

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

```
.border{ border-color:#3D4D57 }
```

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



Here you see how a box with a 4 pixel #3D4D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4D57; -webkit-box-shadow:4px 4px  
4px 4px #3D4D57; box-shadow:4px 4px 4px  
4px #3D4D57 }
```

Background

The CSS property to change the background color of an element to Hex 3D4D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4D57 }
```

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

```
.background{ background-color:#3D4D57 }
```

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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