

Converting Colors

Hex(3D4A57)

Have a look what the booklet for
Hex(3D4A57) contains.

Hex(3D4A57)	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(3D4A57)

Conversions

Conversions Part 1

Format	Color
Hex	3D4A57
RGB	61, 74, 87
RGB Percent	24%, 29%, 34%
CMY	0.7608, 0.7098, 0.6588
CMYK	0.30, 0.15, 0.00, 0.66
HSL	210°, 18%, 29%
HSV	210°, 30%, 34%
XYZ	6.0935, 6.5778, 9.9653
YIQ	71.5950, -11.9210, 1.2870

Conversions

Conversions Part 2

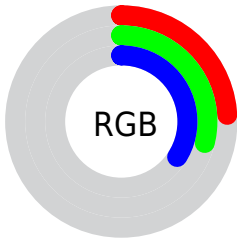
Format	Color
RYB	61, 70, 87
Decimal	4016727
CIELab	30.83, -1.72, -9.40
CIELCh	31, 9.553, 259.630
Yxy	6.5778, 0.2692, 0.2906
Android (android.graphics.Color)	4282206807 (0xFF3D4A57)
YUV	71.5950, 7.5947, -9.2918
Hunter-Lab	25.6472, -2.4725, -5.0843

Details

The Hex color **3D4A57** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **574A3D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6D7B89**, and **111E2A** is the 20% darker color. If you saturate the color by 10%, you get **344657**, and if you desaturate by 10%, it is **464E57**.

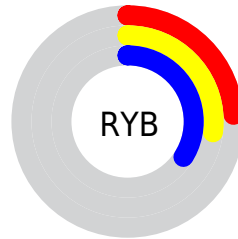
Distribution



Red (24%)

Green (29%)

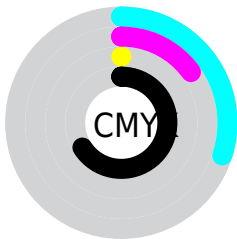
Blue (34%)



Red (24%)

Yellow (27%)

Blue (34%)

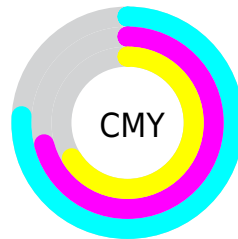


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (66%)



Cyan (76%)

Magenta (71%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4A57 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 3D4A57 by changing the saturation by 10% instead.

■ 3D4A57

■ 3D4A57

FFFFFF

■ 273340

■ 6D7B89

■ 111E2A

■ 8794A3

■ 000516

■ A1AFBE

■ 000000

■ BCCADA

■ D8E6F6

■ F4FFFF

■ 3D4A57

■ 3D4A57

■ 344657

■ 464E57

■ 2C4157

■ 4E5357

■ 233D57

■ 575757

■ 1A3957

■ 605B57

■ 123457

■ 696057

■ 093057

■ 716457

■ 002C57

■ 7A6857

■ 836D57

■ 8B7157

Harmonies

Analogous

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



364C54



3D4A57



474856

Triad

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



3D4A57



584444



414C3F

Complementary

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



3D4A57



574A3D

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.



494A3A



3D4A57



56453D

Square

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



3D4A57



56444B



51473A



394D46

Rectangle

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



3D4A57



4D4654



51473A



434B3D

Sweetspot

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



3D4A57



666B70



3D574A



323538



B8B8B8



383838

Same Dimension

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



3D4A57



485C70



3D3D57



27292B



00366B



0075EB

Inverse Universe

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



573D4A



70485C



57573D



2B2729



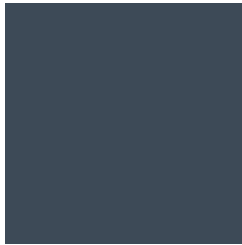
6B0036



EB0075

Previews

White Background



This preview shows how the Hex color 3D4A57 looks on a white background.

Color Contrast Check

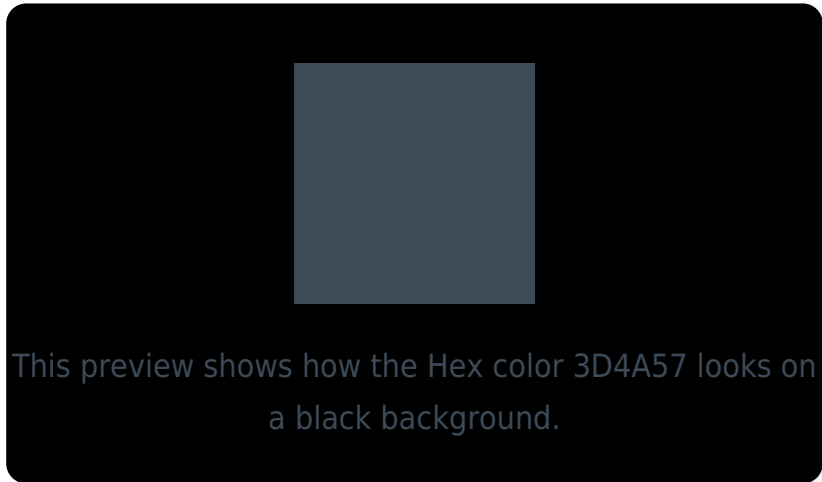
Large Text (above 18pt) WCAG AA ✓ Pass

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

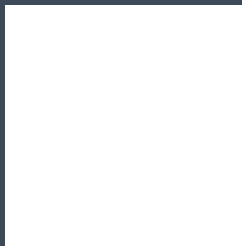
Any Text WCAG AAA × Fail

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

Hex 3D4A57 Background



This preview shows how black text looks on a background with the Hex color 3D4A57.

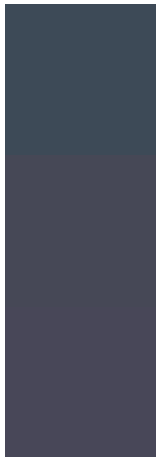


This preview shows how white text looks on a background with the Hex color 3D4A57.

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
3D4A57

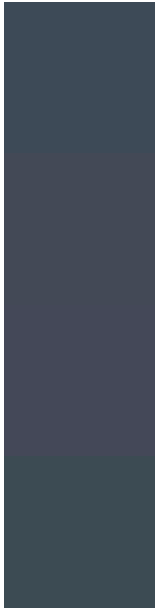
Protanopia
464856

Deuteranopia
484758



Tritanopia
3C4B51

Trichromacy



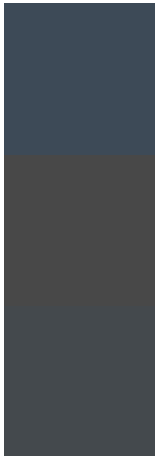
Original Color
3D4A57

Protanomaly
434956

Deuteranomaly
444858

Tritanomaly
3C4B53

Monochromacy



Original Color
3D4A57

Achromatopsia
484848

Achromatomaly
44494D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4A57 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 #3D4A57 looks like.

```
.text, #text, p{  
    color:#3D4A57  
}
```

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 #3D4A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4A57  
}
```

Border

The CSS property to change the border of an element to Hex 3D4A57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

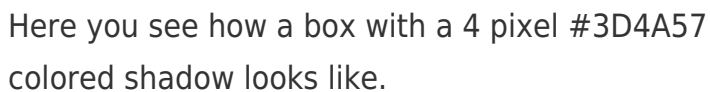
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3D4A57 }
```

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

```
.border{ border-color:#3D4A57 }
```

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



Here you see how a box with a 4 pixel #3D4A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4A57; -webkit-box-shadow:4px 4px  
4px 4px #3D4A57; box-shadow:4px 4px 4px  
4px #3D4A57 }
```

Background

The CSS property to change the background color of an element to Hex 3D4A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4A57 }
```

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

```
.background{ background-color:#3D4A57 }
```

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