

Converting Colors

Hex(3D4A5E)

Have a look what the booklet for
Hex(3D4A5E) contains.

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Color

Hex(3D4A5E)

Conversions

Conversions Part 1

Format	Color
Hex	3D4A5E
RGB	61, 74, 94
RGB Percent	24%, 29%, 37%
CMY	0.7608, 0.7098, 0.6314
CMYK	0.35, 0.21, 0.00, 0.63
HSL	216°, 21%, 30%
HSV	216°, 35%, 37%
XYZ	6.3936, 6.6978, 11.5455
YIQ	72.3930, -14.1680, 3.4640

Conversions

Conversions Part 2

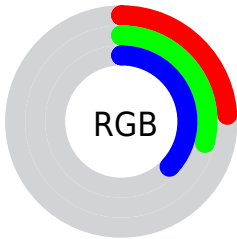
Format	Color
RYB	61, 70, 94
Decimal	4016734
CIELab	31.11, 0.29, -13.44
CIElCh	31, 13.444, 271.247
Yxy	6.6978, 0.2595, 0.2719
Android (android.graphics.Color)	4282206814 (0xFF3D4A5E)
YUV	72.3930, 10.6523, -9.9917
Hunter-Lab	25.8801, -1.1922, -8.3340

Details

The Hex color **3D4A5E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5E513D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6D7B90**, and **101E30** is the 20% darker color. If you saturate the color by 10%, you get **34445E**, and if you desaturate by 10%, it is **46505E**.

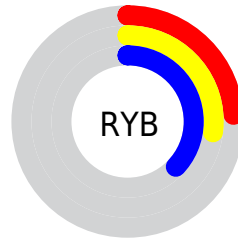
Distribution



Red (24%)

Green (29%)

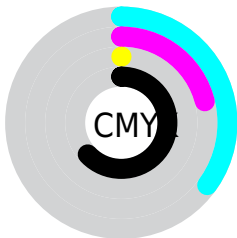
Blue (37%)



Red (24%)

Yellow (27%)

Blue (37%)

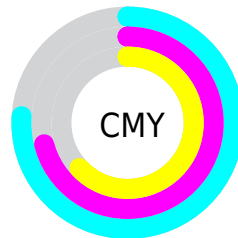


Cyan (35%)

Magenta (21%)

Yellow (0%)

Black (63%)



Cyan (76%)

Magenta (71%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4A5E 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 3D4A5E by changing the saturation by 10% instead.

■ 3D4A5E

■ 3D4A5E

FFFFFF

■ 263346

■ 6D7B90

■ 101E30

■ 8794AB

■ 00051B

■ A2AFC6

■ 000000

■ BDCAE2

■ D9E6FF

■ F5FFFF

■ 3D4A5E

■ 3D4A5E

■ 34445E

■ 46505E

■ 2A3F5E

■ 50555E

■ 21395E

■ 595B5E

■ 17335E

■ 63615E

■ 0E2E5E

■ 6C665E

■ 05285E

■ 756C5E

■ 00255E

■ 7F725E

■ 88785E

■ 927D5E

Harmonies

Analogous

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



304D5B



3D4A5E



4B465B

Triad

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



3D4A5E



5E423F



394E3F

Complementary

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



3D4A5E



5E513D

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.



454C37



3D4A5E



594537

Square

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



3D4A5E



5E4249



514934



2F4F49

Rectangle

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



3D4A5E



544456



514934



3D4E3C

Sweetspot

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



3D4A5E



6D727A



3D5E51



35383D



BDBDBD



3D3D3D

Same Dimension

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



3D4A5E



475B7A



403D5E



292B2E



002B6E



005DED

Inverse Universe

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



5E3D4A



7A475B



5B5E3D



2E292B



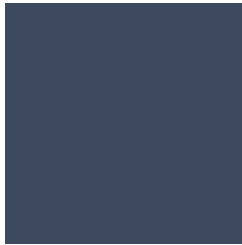
6E002B



ED005D

Previews

White Background



This preview shows how the Hex color 3D4A5E looks on a white background.

Color Contrast Check

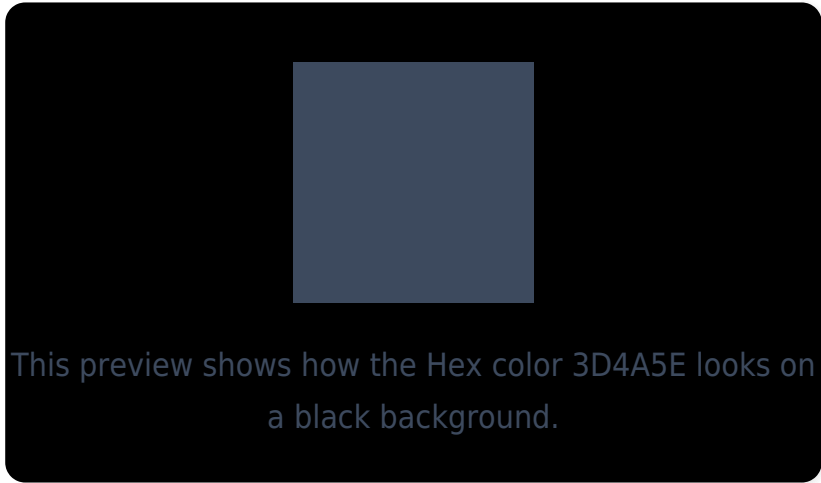
Large Text (above 18pt) WCAG AA ✓ Pass

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

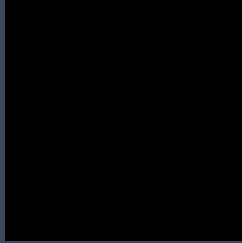
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

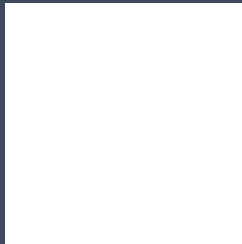
Any Text WCAG AAA × Fail

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

Hex 3D4A5E Background



This preview shows how black text looks on a background with the Hex color 3D4A5E.

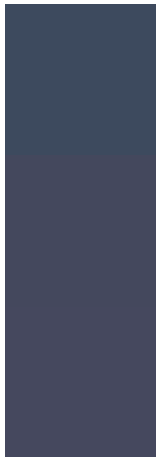


This preview shows how white text looks on a background with the Hex color 3D4A5E.

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

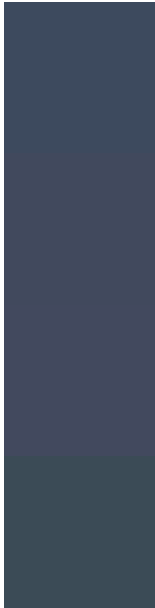


Original Color
3D4A5E

Protanopia
44485D

Deuteranopia
45485E

Trichromacy



Original Color

3D4A5E

Protanomaly

41495D

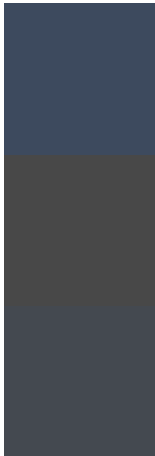
Deuteranomaly

42495E

Tritanomaly

3B4B56

Monochromacy



Original Color

3D4A5E

Achromatopsia

484848

Achromatomaly

444950

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4A5E 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 #3D4A5E looks like.

```
.text, #text, p{  
    color:#3D4A5E  
}
```

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 #3D4A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4A5E
}
```

Border

The CSS property to change the border of an element to Hex 3D4A5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

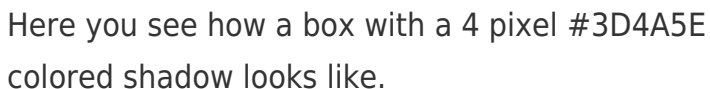
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D4A5E }
```

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

```
.border{ border-color:#3D4A5E }
```

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



Here you see how a box with a 4 pixel #3D4A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4A5E; -webkit-box-shadow:4px 4px  
4px 4px #3D4A5E; box-shadow:4px 4px 4px  
4px #3D4A5E }
```

Background

The CSS property to change the background color of an element to Hex 3D4A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4A5E }
```

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

```
.background{ background-color:#3D4A5E }
```

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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