

Converting Colors

Hex(3D4A46)

Have a look what the booklet for
Hex(3D4A46) contains.

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Color

Hex(3D4A46)

Conversions

Conversions Part 1

Format	Color
Hex	3D4A46
RGB	61, 74, 70
RGB Percent	24%, 29%, 27%
CMY	0.7608, 0.7098, 0.7255
CMYK	0.18, 0.00, 0.05, 0.71
HSL	162°, 10%, 26%
HSV	162°, 18%, 29%
XYZ	5.4787, 6.3319, 6.7278
YIQ	69.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

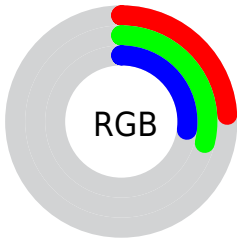
Format	Color
RYB	61, 69, 74
Decimal	4016710
CIELab	30.23, -6.14, 0.65
CIELCh	30, 6.176, 173.986
Yxy	6.3319, 0.2955, 0.3416
Android (android.graphics.Color)	4282206790 (0xFF3D4A46)
YUV	69.6570, 0.1691, -7.5922
Hunter-Lab	25.1632, -5.1710, 1.7621

Details

The Hex color **3D4A46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A3D41**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6D7B76**, and **131E1B** is the 20% darker color. If you saturate the color by 10%, you get **364A44**, and if you desaturate by 10%, it is **444A48**.

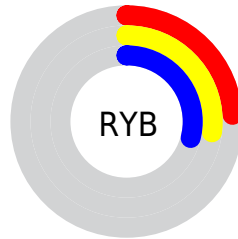
Distribution



Red (24%)

Green (29%)

Blue (27%)



Red (24%)

Yellow (27%)

Blue (29%)

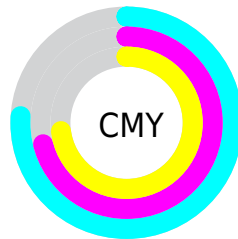


Cyan (18%)

Magenta (0%)

Yellow (5%)

Black (71%)



Cyan (76%)

Magenta (71%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4A46 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 3D4A46 by changing the saturation by 10% instead.



3D4A46



3D4A46

FFFFFF



273330



6D7B76



131E1B



869490



000200



A0AFAA



000000



BBCAC6



D7E7E2



F3FFFE



3D4A46



3D4A46



364A44



444A48

■ 2E4A41

■ 4C4A4B

■ 274A3F

■ 534A4D

■ 1F4A3D

■ 5B4A4F

■ 184A3B

■ 624A51

■ 114A38

■ 694A54

■ 094A36

■ 714A56

■ 024A34

■ 784A58

■ 004A33

■ 804A5A

Harmonies

Analogous

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



414941



3D4A46



3B4A4B

Triad

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



3D4A46



474650



504540

Complementary

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



3D4A46



4A3D41

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.



524443



3D4A46



4D454D

Square

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



3D4A46



414851



504448



4C473E

Rectangle

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



3D4A46



3C4A4E



504448



514541

Sweetspot

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



3D4A46



5C615F



414A3D



2E3030



B0B0B0



303030

Same Dimension

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



3D4A46



4D615B



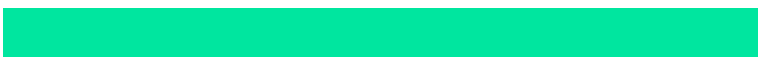
3D484A



222625



006647



00E69F

Inverse Universe

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



4A3D41



614D53



4A3F3D



262224



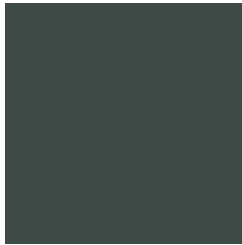
66001F



E60047

Previews

White Background



This preview shows how the Hex color 3D4A46 looks on a white background.

Color Contrast Check

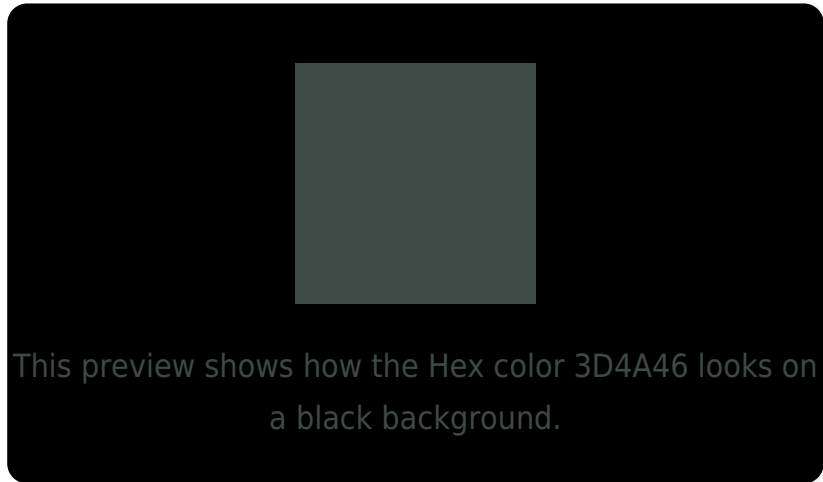
Large Text (above 18pt) WCAG AA ✓ Pass

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

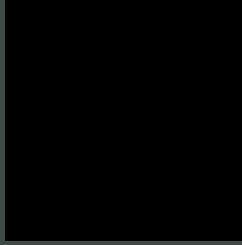
Any Text WCAG AA × Fail

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 3D4A46 Background



This preview shows how black text looks on a background with the Hex color 3D4A46.

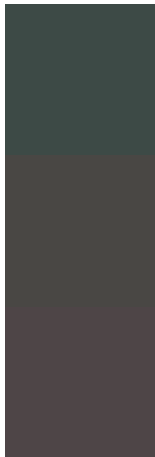


This preview shows how white text looks on a background with the Hex color 3D4A46.

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](#).

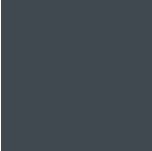
Dichromacy



Original Color
3D4A46

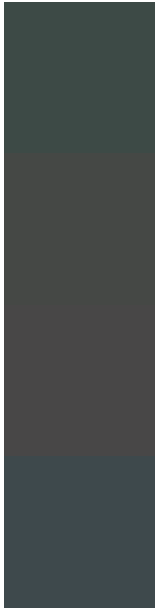
Protanopia
494744

Deuteranopia
4E4547



Tritanopia
3F494F

Trichromacy



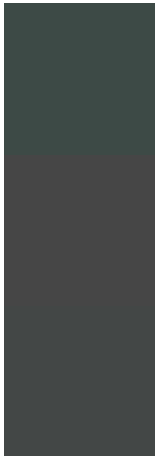
Original Color
3D4A46

Protanomaly
454845

Deuteranomaly
484747

Tritanomaly
3E494C

Monochromacy



Original Color
3D4A46

Achromatopsia
464646

Achromatomaly
434746

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4A46 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 #3D4A46 looks like.

```
.text, #text, p{  
    color:#3D4A46  
}
```

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 #3D4A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4A46  
}
```

Border

The CSS property to change the border of an element to Hex 3D4A46 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  
#3D4A46 }
```

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

```
.border{ border-color:#3D4A46 }
```

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

Here you see how a box with a 4 pixel #3D4A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4A46; -webkit-box-shadow:4px 4px  
4px 4px #3D4A46; box-shadow:4px 4px 4px  
4px #3D4A46 }
```

Background

The CSS property to change the background color of an element to Hex 3D4A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4A46 }
```

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

```
.background{ background-color:#3D4A46 }
```

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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