

Converting Colors

Hex(3A4F48)

Have a look what the booklet for
Hex(3A4F48) contains.

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Color

Hex(3A4F48)

Conversions

Conversions Part 1

Format	Color
Hex	3A4F48
RGB	58, 79, 72
RGB Percent	23%, 31%, 28%
CMY	0.7725, 0.6902, 0.7176
CMYK	0.27, 0.00, 0.09, 0.69
HSL	160°, 15%, 27%
HSV	160°, 27%, 31%
XYZ	5.7106, 6.9594, 7.1732
YIQ	71.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

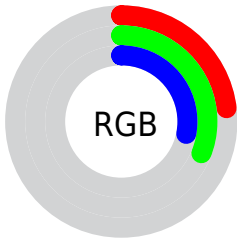
Format	Color
RYB	58, 71, 79
Decimal	3821384
CIELab	31.71, -9.83, 1.49
CIELCh	32, 9.945, 171.382
Yxy	6.9594, 0.2878, 0.3507
Android (android.graphics.Color)	4282011464 (0xFF3A4F48)
YUV	71.9230, 0.0380, -12.2105
Hunter-Lab	26.3806, -7.5263, 2.3448

Details

The Hex color **3A4F48** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F3A41**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6A8078**, and **0F231D** is the 20% darker color. If you saturate the color by 10%, you get **324F45**, and if you desaturate by 10%, it is **424F4B**.

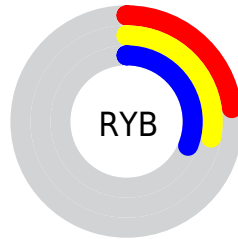
Distribution



Red (23%)

Green (31%)

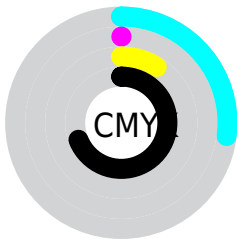
Blue (28%)



Red (23%)

Yellow (28%)

Blue (31%)

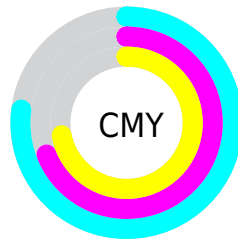


Cyan (27%)

Magenta (0%)

Yellow (9%)

Black (69%)



Cyan (77%)

Magenta (69%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4F48 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 3A4F48 by changing the saturation by 10% instead.



3A4F48



3A4F48

FFFFFF



243832



6A8078



0F231D



839A92



000C02



9DB5AD



000000



B8D1C8



D4EDE4



F0FFFF



3A4F48



3A4F48



324F45



424F4B

■ 2A4F43

■ 4A4F4D

■ 224F40

■ 524F50

■ 1A4F3D

■ 5A4F53

■ 124F3B

■ 624F55

■ 0B4F38

■ 694F58

■ 034F36

■ 714F5A

■ 004F35

■ 794F5D

■ 814F60

Harmonies

Analogous

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



424E41



3A4F48



364F50

Triad

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



3A4F48



494959



59473F

Complementary

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



3A4F48



4F3A41

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.



5B4545



3A4F48



534754

Square

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



3A4F48



3F4C5A



59454D



53493B

Rectangle

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



3A4F48



364E55



59454D



5A4641

Sweetspot

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



3A4F48



5E6663



414F3A



2E3331



B3B3B3



333333

Same Dimension

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



3A4F48



45665B



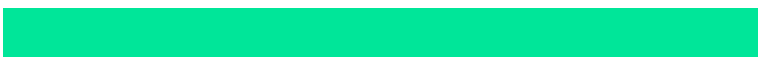
3A4B4F



222625



006644



00E699

Inverse Universe

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



4F3A41



664550



4F3D3A



262224



660022



E6004D

Previews

White Background



This preview shows how the Hex color 3A4F48 looks on a white background.

Color Contrast Check

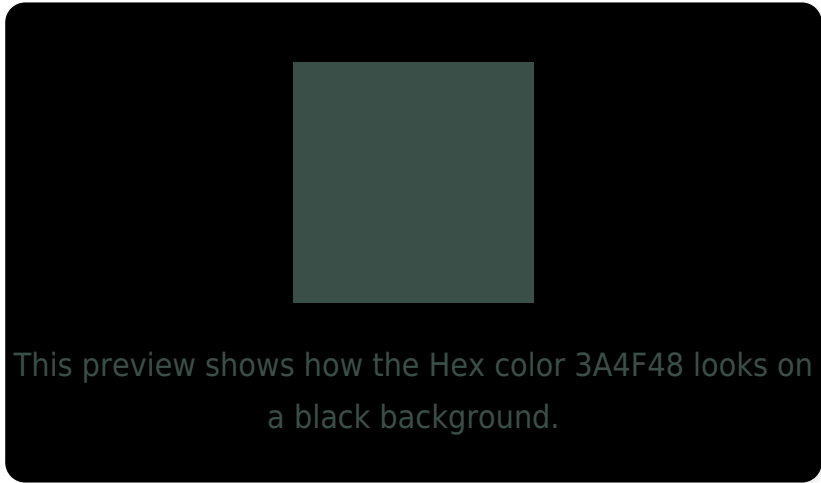
Large Text (above 18pt) WCAG AA ✓ Pass

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

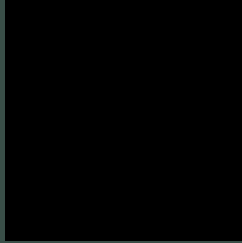
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

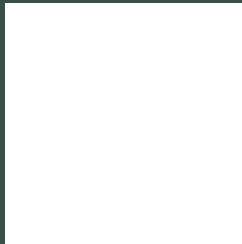
Any Text WCAG AAA × Fail

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

Hex 3A4F48 Background



This preview shows how black text looks on a background with the Hex color 3A4F48.



This preview shows how white text looks on a background with the Hex color 3A4F48.

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](#).

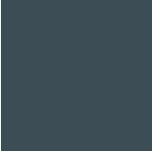
Dichromacy



Original Color
3A4F48

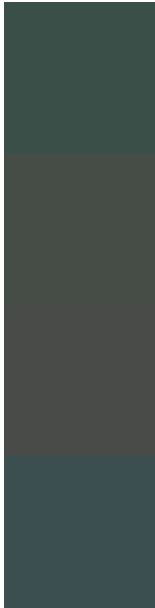
Protanopia
4D4A45

Deuteranopia
524849



Tritanopia
3C4D54

Trichromacy



Original Color

3A4F48

Protanomaly

464C46

Deuteranomaly

494B49

Tritanomaly

3B4E50

Monochromacy



Original Color

3A4F48

Achromatopsia

484848

Achromatomaly

434B48

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4F48 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 #3A4F48 looks like.

```
.text, #text, p{  
    color:#3A4F48  
}
```

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 #3A4F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4F48
}
```

Border

The CSS property to change the border of an element to Hex 3A4F48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

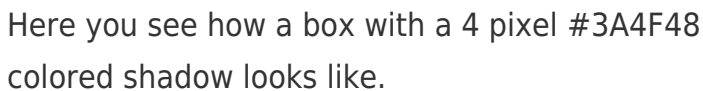
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A4F48 }
```

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

```
.border{ border-color:#3A4F48 }
```

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



Here you see how a box with a 4 pixel #3A4F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4F48; -webkit-box-shadow:4px 4px  
4px 4px #3A4F48; box-shadow:4px 4px 4px  
4px #3A4F48 }
```

Background

The CSS property to change the background color of an element to Hex 3A4F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4F48 }
```

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

```
.background{ background-color:#3A4F48 }
```

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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