

Converting Colors

Hex(3A4F47)

Have a look what the booklet for
Hex(3A4F47) contains.

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Color

Hex(3A4F47)

Conversions

Conversions Part 1

Format	Color
Hex	3A4F47
RGB	58, 79, 71
RGB Percent	23%, 31%, 28%
CMY	0.7725, 0.6902, 0.7216
CMYK	0.27, 0.00, 0.10, 0.69
HSL	157°, 15%, 27%
HSV	157°, 27%, 31%
XYZ	5.6782, 6.9464, 7.0028
YIQ	71.8090, -9.9480, -6.9400

Conversions

Conversions Part 2

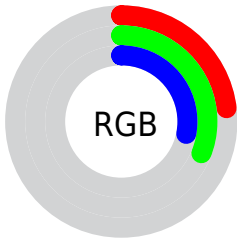
Format	Color
RYB	58, 71, 79
Decimal	3821383
CIELab	31.68, -10.08, 2.08
CIELCh	32, 10.289, 168.313
Yxy	6.9464, 0.2893, 0.3539
Android (android.graphics.Color)	4282011463 (0xFF3A4F47)
YUV	71.8090, -0.3988, -12.1105
Hunter-Lab	26.3561, -7.6666, 2.6960

Details

The Hex color **3A4F47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F3A42**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6A8077**, and **0F231C** is the 20% darker color. If you saturate the color by 10%, you get **324F44**, and if you desaturate by 10%, it is **424F4A**.

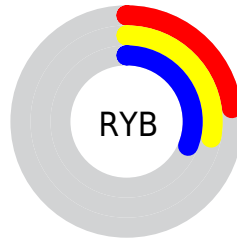
Distribution



 Red (23%)

 Green (31%)

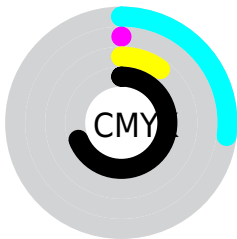
 Blue (28%)



 Red (23%)

 Yellow (28%)

 Blue (31%)

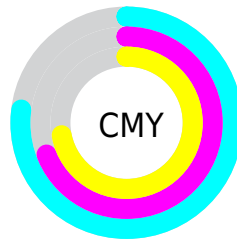


 Cyan (27%)

 Magenta (0%)

 Yellow (10%)

 Black (69%)



 Cyan (77%)

 Magenta (69%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4F47 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 3A4F47 by changing the saturation by 10% instead.

■ 3A4F47

■ 3A4F47

FFFFFF

■ 243831

■ 6A8077

■ 0F231C

■ 839A91

■ 000C01

■ 9DB5AB

■ 000000

■ B8D1C7

■ D4EDE3

■ F0FFFF

■ 3A4F47

■ 3A4F47

■ 324F44

■ 424F4A

■ 2A4F41

■ 4A4F4D

■ 224F3E

■ 524F50

■ 1A4F3B

■ 5A4F53

■ 124F38

■ 624F56

■ 0B4F35

■ 694F59

■ 034F32

■ 714F5C

■ 004F31

■ 794F5F

■ 814F62

Harmonies

Analogous

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



424E40



3A4F47



354F4F

Triad

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



3A4F47



484A5A



5A463F

Complementary

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



3A4F47



4F3A42

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.



5B4546



3A4F47



524755

Square

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



3A4F47



3D4C5A



59454E



54493B

Rectangle

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



3A4F47



354F54



59454E



5B4641

Sweetspot

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



3A4F47



5E6663



424F3A



2E3331



B3B3B3



333333

Same Dimension

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



3A4F47



45665A



3A4D4F



222625



00663F



00E68E

Inverse Universe

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



4F3A42



664552



4F3C3A



262224



660027



E60057

Previews

White Background



This preview shows how the Hex color 3A4F47 looks on a white background.

Color Contrast Check

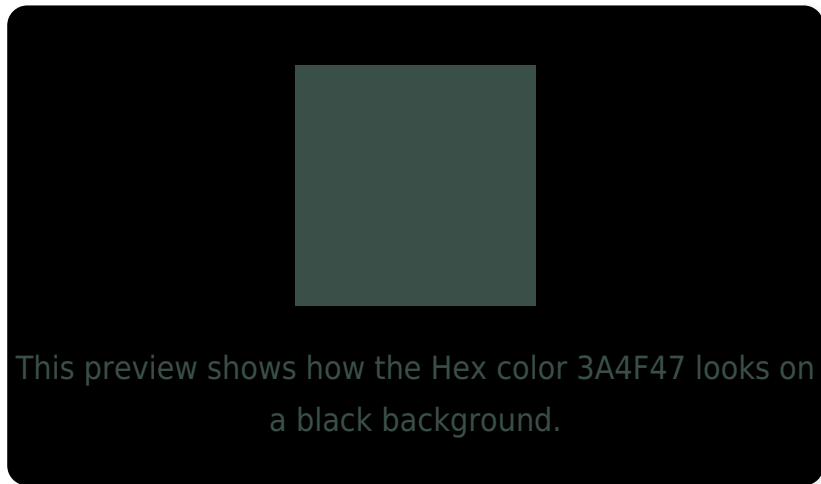
Large Text (above 18pt) WCAG AA ✓ Pass

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

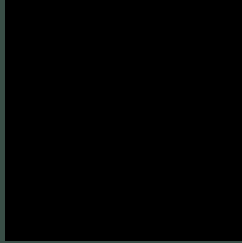
Any Text WCAG AA × Fail

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 3A4F47 Background



This preview shows how black text looks on a background with the Hex color 3A4F47.



This preview shows how white text looks on a background with the Hex color 3A4F47.

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](#).

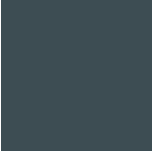
Dichromacy



Original Color
3A4F47

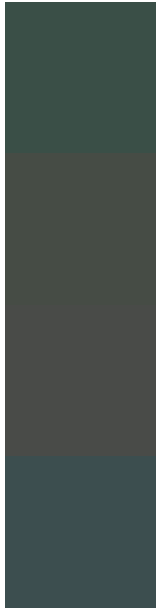
Protanopia
4D4A44

Deuteranopia
524848



Tritanopia
3D4D53

Trichromacy



Original Color
3A4F47

Protanomaly
464C45

Deuteranomaly
494B48

Tritanomaly
3C4E4F

Monochromacy



Original Color
3A4F47

Achromatopsia
484848

Achromatomaly
434B48

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4F47 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 #3A4F47 looks like.

```
.text, #text, p{  
    color:#3A4F47  
}
```

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 #3A4F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4F47
}
```

Border

The CSS property to change the border of an element to Hex 3A4F47 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
#3A4F47 }
```

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

```
.border{ border-color:#3A4F47 }
```

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

Here you see how a box with a 4 pixel #3A4F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4F47; -webkit-box-shadow:4px 4px  
4px 4px #3A4F47; box-shadow:4px 4px 4px  
4px #3A4F47 }
```

Background

The CSS property to change the background color of an element to Hex 3A4F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4F47 }
```

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

```
.background{ background-color:#3A4F47 }
```

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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