

Converting Colors

Hex(3F584D)

Have a look what the booklet for
Hex(3F584D) contains.

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Color

Hex(3F584D)

Conversions

Conversions Part 1

Format	Color
Hex	3F584D
RGB	63, 88, 77
RGB Percent	25%, 35%, 30%
CMY	0.7529, 0.6549, 0.6980
CMYK	0.28, 0.00, 0.12, 0.65
HSL	154°, 17%, 30%
HSV	154°, 28%, 35%
XYZ	6.8792, 8.5720, 8.3132
YIQ	79.2710, -11.3690, -8.7210

Conversions

Conversions Part 2

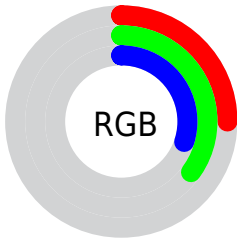
Format	Color
RYB	63, 79, 88
Decimal	4151373
CIELab	35.15, -12.09, 3.34
CIELCh	35, 12.543, 164.565
Yxy	8.5720, 0.2895, 0.3607
Android (android.graphics.Color)	4282341453 (0xFF3F584D)
YUV	79.2710, -1.1196, -14.2697
Hunter-Lab	29.2780, -9.2961, 3.6599

Details

The Hex color **3F584D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **583F4A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6F8A7E**, and **132A21** is the 20% darker color. If you saturate the color by 10%, you get **365849**, and if you desaturate by 10%, it is **485851**.

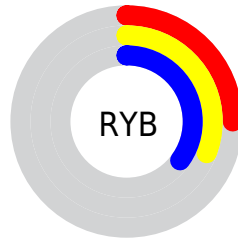
Distribution



Red (25%)

Green (35%)

Blue (30%)



Red (25%)

Yellow (31%)

Blue (35%)

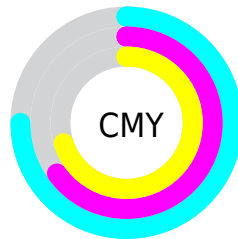


Cyan (28%)

Magenta (0%)

Yellow (12%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F584D 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 3F584D by changing the saturation by 10% instead.



3F584D



3F584D

FFFFFF



284136



6F8A7E



132A21



89A498



00170A



A3BFB2



000000



BFDDBCE



DAF8EA



F7FFFF



3F584D



3F584D



365849



485851

■ 2D5845

■ 515855

■ 255841

■ 595859

■ 1C583E

■ 62585C

■ 13583A

■ 6B5860

■ 0A5836

■ 745864

■ 015832

■ 7D5868

■ 005831

■ 85586C

■ 8E5870

Harmonies

Analogous

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



4A5644



3F584D



385857

Triad

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



3F584D



4E5266



664D45

Complementary

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



3F584D



583F4A

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.



674C4E



3F584D



5A4F61

Square

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



3F584D



405566



634C58



5F5040

Rectangle

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



3F584D



37585E



634C58



674D48

Sweetspot

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



3F584D



68736E



4A583F



343B38



BABABA



3B3B3B

Same Dimension

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



3F584D



4C7362



3F5758



272B29



006B3C



00EB83

Inverse Universe

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



583F4A



734C5D



58403F



2B2729



6B002F



EB0067

Previews

White Background



This preview shows how the Hex color 3F584D looks on a white background.

Color Contrast Check

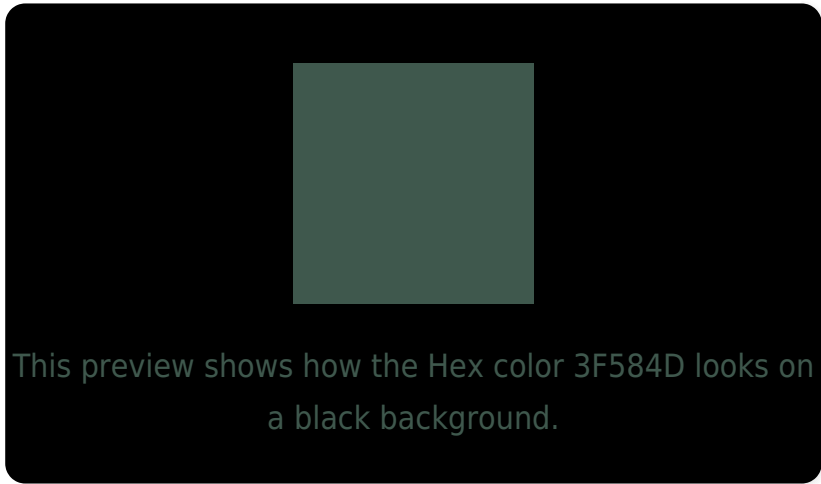
Large Text (above 18pt) WCAG AA ✓ Pass

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

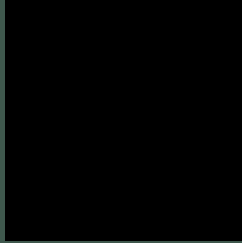
Any Text WCAG AA × Fail

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 3F584D Background



This preview shows how black text looks on a background with the Hex color 3F584D.



This preview shows how white text looks on a background with the Hex color 3F584D.

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](#).

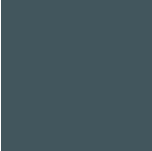
Dichromacy



Original Color
3F584D

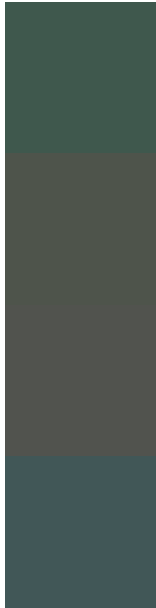
Protanopia
56524A

Deuteranopia
5C504F



Tritanopia
42565D

Trichromacy



Original Color
3F584D

Protanomaly
4E544B

Deuteranomaly
51534E

Tritanomaly
415757

Monochromacy



Original Color
3F584D

Achromatopsia
4F4F4F

Achromatomaly
49524E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F584D 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 #3F584D looks like.

```
.text, #text, p{  
    color:#3F584D  
}
```

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 #3F584D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F584D
}
```

Border

The CSS property to change the border of an element to Hex 3F584D 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
#3F584D }
```

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

```
.border{ border-color:#3F584D }
```

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

Here you see how a box with a 4 pixel #3F584D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F584D; -webkit-box-shadow:4px 4px  
4px 4px #3F584D; box-shadow:4px 4px 4px  
4px #3F584D }
```

Background

The CSS property to change the background color of an element to Hex 3F584D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F584D }
```

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

```
.background{ background-color:#3F584D }
```

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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