

Converting Colors

Hex(3C584C)

Have a look what the booklet for
Hex(3C584C) contains.

Hex(3C584C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C584C)

Conversions

Conversions Part 1

Format	Color
Hex	3C584C
RGB	60, 88, 76
RGB Percent	24%, 35%, 30%
CMY	0.7647, 0.6549, 0.7020
CMYK	0.32, 0.00, 0.14, 0.65
HSL	154°, 19%, 29%
HSV	154°, 32%, 35%
XYZ	6.6577, 8.4619, 8.1199
YIQ	78.2600, -12.8360, -9.6680

Conversions

Conversions Part 2

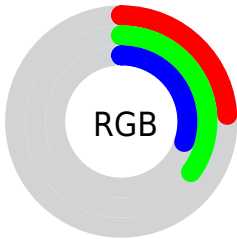
Format	Color
RYB	60, 78, 88
Decimal	3954764
CIELab	34.93, -13.40, 3.62
CIELCh	35, 13.883, 164.879
Yxy	8.4619, 0.2865, 0.3641
Android (android.graphics.Color)	4282144844 (0xFF3C584C)
YUV	78.2600, -1.1142, -16.0140
Hunter-Lab	29.0894, -10.0529, 3.8126

Details

The Hex color **3C584C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **583C48**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6C8A7D**, and **102A20** is the 20% darker color. If you saturate the color by 10%, you get **335848**, and if you desaturate by 10%, it is **455850**.

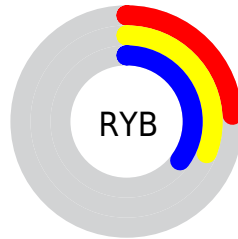
Distribution



Red (24%)

Green (35%)

Blue (30%)



Red (24%)

Yellow (31%)

Blue (35%)

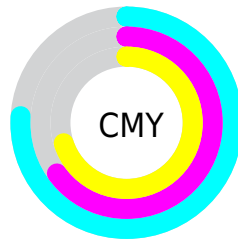


Cyan (32%)

Magenta (0%)

Yellow (14%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C584C 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 3C584C by changing the saturation by 10% instead.

 3C584C

 3C584C

FFFFFF

 254135

 6C8A7D

 102A20

 86A497

 001709

 A0C0B1

 000000

 BBDBCD

 D7F8E9

 F4FFFF

 3C584C

 3C584C

 335848

 455850

■ 2A5844

■ 4E5854

■ 225841

■ 565857

■ 19583D

■ 5F585B

■ 105839

■ 68585F

■ 075835

■ 715863

■ 005832

■ 7A5866

■ 82586A

■ 8B586E

Harmonies

Analogous

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



485642



3C584C



345857

Triad

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



3C584C



4C5167



674C43

Complementary

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



3C584C



583C48

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.



694A4D



3C584C



5B4D62

Square

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



3C584C



3E5567



654B58



60503D

Rectangle

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



3C584C



32585E



654B58



684B46

Sweetspot

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



3C584C



67736E



48583C



343B38



BABABA



3B3B3B

Same Dimension

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



3C584C



477360



3C5658



272B29



006B3D



00EB86

Inverse Universe

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



583C48



73475A



583E3C



2B2729



6B002E



EB0065

Previews

White Background



This preview shows how the Hex color 3C584C looks on a white background.

Color Contrast Check

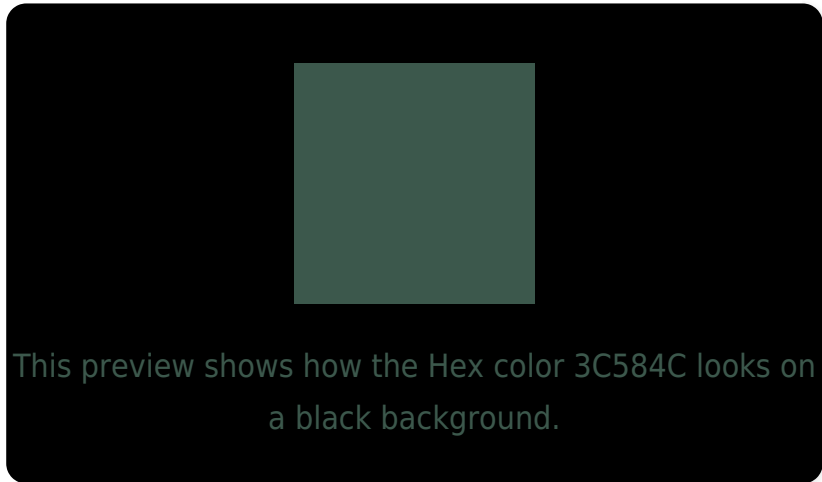
Large Text (above 18pt) WCAG AA ✓ Pass

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

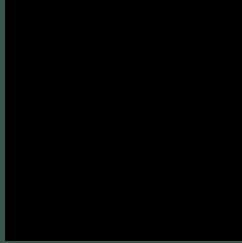
Any Text WCAG AA × Fail

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 3C584C Background



This preview shows how black text looks on a background with the Hex color 3C584C.



This preview shows how white text looks on a background with the Hex color 3C584C.

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](#).

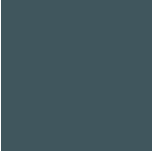
Dichromacy



Original Color
3C584C

Protanopia
555249

Deuteranopia
5B4F4E



Tritanopia
40565D

Trichromacy



Original Color
3C584C

Protanomaly
4C544A

Deuteranomaly
50524D

Tritanomaly
3F5757

Monochromacy



Original Color
3C584C

Achromatopsia
4E4E4E

Achromatomaly
47524D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C584C 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 #3C584C looks like.

```
.text, #text, p{  
    color:#3C584C  
}
```

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 #3C584C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C584C
}
```

Border

The CSS property to change the border of an element to Hex 3C584C 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
#3C584C }
```

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

```
.border{ border-color:#3C584C }
```

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

Here you see how a box with a 4 pixel #3C584C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C584C; -webkit-box-shadow:4px 4px  
4px 4px #3C584C; box-shadow:4px 4px 4px  
4px #3C584C }
```

Background

The CSS property to change the background color of an element to Hex 3C584C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C584C }
```

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

```
.background{ background-color:#3C584C }
```

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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