

Converting Colors

Hex(3C584B)

Have a look what the booklet for
Hex(3C584B) contains.

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Color

Hex(3C584B)

Conversions

Conversions Part 1

Format	Color
Hex	3C584B
RGB	60, 88, 75
RGB Percent	24%, 35%, 29%
CMY	0.7647, 0.6549, 0.7059
CMYK	0.32, 0.00, 0.15, 0.65
HSL	152°, 19%, 29%
HSV	152°, 32%, 35%
XYZ	6.6232, 8.4481, 7.9382
YIQ	78.1460, -12.5150, -9.9790

Conversions

Conversions Part 2

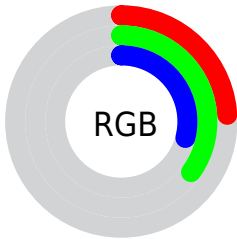
Format	Color
RYB	60, 78, 88
Decimal	3954763
CIELab	34.90, -13.64, 4.21
CIELCh	35, 14.274, 162.860
Yxy	8.4481, 0.2878, 0.3672
Android (android.graphics.Color)	4282144843 (0xFF3C584B)
YUV	78.1460, -1.5510, -15.9140
Hunter-Lab	29.0656, -10.1899, 4.1531

Details

The Hex color **3C584B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **583C49**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6C8A7C**, and **102A1F** is the 20% darker color. If you saturate the color by 10%, you get **335847**, and if you desaturate by 10%, it is **45584F**.

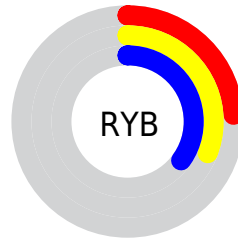
Distribution



 Red (24%)

 Green (35%)

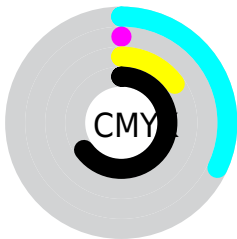
 Blue (29%)



 Red (24%)

 Yellow (31%)

 Blue (35%)

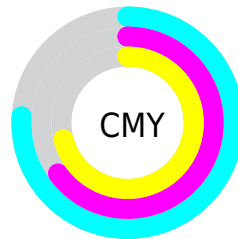


 Cyan (32%)

 Magenta (0%)

 Yellow (15%)

 Black (65%)



 Cyan (76%)

 Magenta (65%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C584B 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 3C584B by changing the saturation by 10% instead.



3C584B



3C584B

FFFFFF



254134



6C8A7C



102A1F



86A496



001707



A0C0B0



000000



BBDBCC



D7F8E8



F4FFFF



3C584B



3C584B



335847



45584F

■ 2A5843

■ 4E5853

■ 22583F

■ 565857

■ 19583B

■ 5F585B

■ 105837

■ 68585F

■ 075832

■ 715864

■ 00582F

■ 7A5868

■ 82586C

■ 8B5870

Harmonies

Analogous

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



495641



3C584B



335957

Triad

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



3C584B



4B5168



684C43

Complementary

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



3C584B



583C49

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



3C584B



5A4E63

Square

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



3C584B



3C5567



654B59



604F3D

Rectangle

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



3C584B



31585E



654B59



694B46

Sweetspot

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



3C584B



67736D



49583C



343B37



BABABA



3B3B3B

Same Dimension

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



3C584B



47735F



3C5758



272B29



006B39



00EB7E

Inverse Universe

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



583C49



73475B



583D3C



2B2729



6B0032



EB006D

Previews

White Background



This preview shows how the Hex color 3C584B looks on a white background.

Color Contrast Check

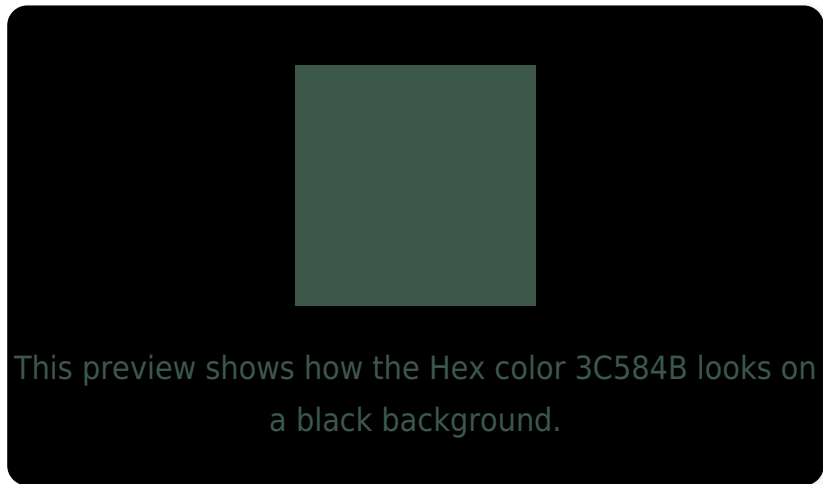
Large Text (above 18pt) WCAG AA ✓ Pass

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

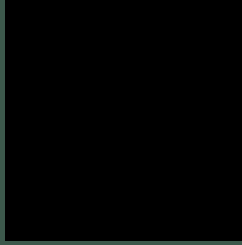
Any Text WCAG AA × Fail

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 3C584B Background



This preview shows how black text looks on a background with the Hex color 3C584B.

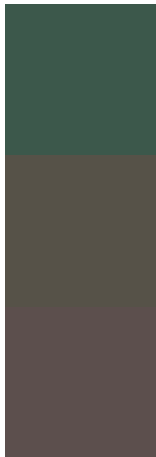


This preview shows how white text looks on a background with the Hex color 3C584B.

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](#).

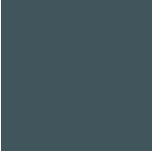
Dichromacy



Original Color
3C584B

Protanopia
565248

Deuteranopia
5C4F4D



Tritanopia
40565C

Trichromacy



Original Color
3C584B

Protanomaly
4D5449

Deuteranomaly
50524C

Tritanomaly
3F5756

Monochromacy



Original Color
3C584B

Achromatopsia
4E4E4E

Achromatomaly
47524D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C584B 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 #3C584B looks like.

```
.text, #text, p{  
    color:#3C584B  
}
```

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 #3C584B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C584B
}
```

Border

The CSS property to change the border of an element to Hex 3C584B 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
#3C584B }
```

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

```
.border{ border-color:#3C584B }
```

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

Here you see how a box with a 4 pixel #3C584B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C584B; -webkit-box-shadow:4px 4px  
4px 4px #3C584B; box-shadow:4px 4px 4px  
4px #3C584B }
```

Background

The CSS property to change the background color of an element to Hex 3C584B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C584B }
```

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

```
.background{ background-color:#3C584B }
```

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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