

Converting Colors

Hex(3F5849)

Have a look what the booklet for
Hex(3F5849) contains.

Hex(3F5849)	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(3F5849)

Conversions

Conversions Part 1

Format	Color
Hex	3F5849
RGB	63, 88, 73
RGB Percent	25%, 35%, 29%
CMY	0.7529, 0.6549, 0.7137
CMYK	0.28, 0.00, 0.17, 0.65
HSL	144°, 17%, 30%
HSV	144°, 28%, 35%
XYZ	6.7422, 8.5172, 7.5920
YIQ	78.8150, -10.0850, -9.9650

Conversions

Conversions Part 2

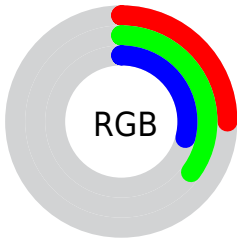
Format	Color
RYB	63, 81, 88
Decimal	4151369
CIELab	35.04, -13.01, 5.68
CIELCh	35, 14.197, 156.425
Yxy	8.5172, 0.2950, 0.3727
Android (android.graphics.Color)	4282341449 (0xFF3F5849)
YUV	78.8150, -2.8668, -13.8698
Hunter-Lab	29.1843, -9.8351, 5.0054

Details

The Hex color **3F5849** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **583F4E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6F8A7A**, and **132A1D** is the 20% darker color. If you saturate the color by 10%, you get **365844**, and if you desaturate by 10%, it is **48584E**.

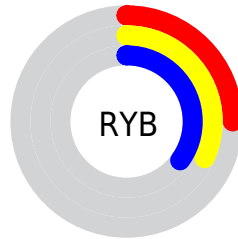
Distribution



 Red (25%)

 Green (35%)

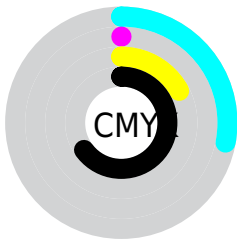
 Blue (29%)



 Red (25%)

 Yellow (32%)

 Blue (35%)

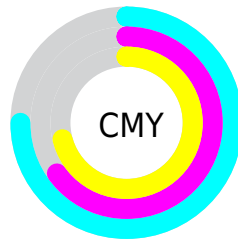


 Cyan (28%)

 Magenta (0%)

 Yellow (17%)

 Black (65%)



 Cyan (75%)

 Magenta (65%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5849 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 3F5849 by changing the saturation by 10% instead.



3F5849



3F5849

FFFFFF



284132



6F8A7A



132A1D



89A493



001704



A3BFAE



000000



BEDBC9



DAF8E5



F7FFFF



3F5849



3F5849



365844



48584E

■ 2D583E

■ 515854

■ 255839

■ 595859

■ 1C5834

■ 62585E

■ 13582F

■ 6B5863

■ 0A5829

■ 745869

■ 015824

■ 7D586E

■ 005823

■ 855873

■ 8E5879

Harmonies

Analogous

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



4C5640



3F5849



355955

Triad

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



3F5849



485369



694B45

Complementary

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



3F5849



583F4E

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.



694A50



3F5849



574F65

Square

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



3F5849



3A5667



634B5C



634F3E

Rectangle

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



3F5849



32595C



634B5C



694B49

Sweetspot

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



3F5849



68736D



4E583F



343B37



BABABA



3B3B3B

Same Dimension

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



3F5849



4C735B



3F5856



272B29



006B2B



00EB5E

Inverse Universe

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



583F4E



734C63



583F42



2B272A



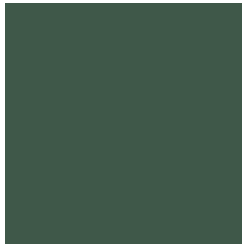
6B0040



EB008D

Previews

White Background



This preview shows how the Hex color 3F5849 looks on a white background.

Color Contrast Check

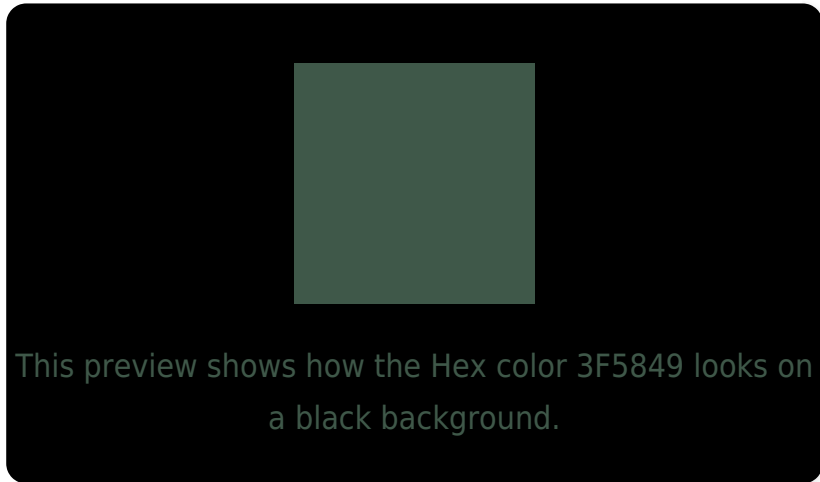
Large Text (above 18pt) WCAG AA ✓ Pass

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

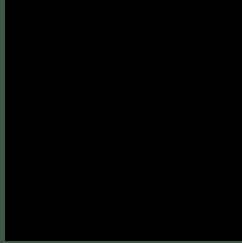
Any Text WCAG AA × Fail

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 3F5849 Background



This preview shows how black text looks on a background with the Hex color 3F5849.



This preview shows how white text looks on a background with the Hex color 3F5849.

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](#).

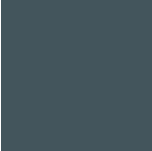
Dichromacy



Original Color
3F5849

Protanopia
565246

Deuteranopia
5D4F4B



Tritanopia
43555C

Trichromacy



Original Color
3F5849

Protanomaly
4E5447

Deuteranomaly
52524A

Tritanomaly
425655

Monochromacy



Original Color
3F5849

Achromatopsia
4F4F4F

Achromatomaly
49524D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5849 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 #3F5849 looks like.

```
.text, #text, p{  
    color:#3F5849  
}
```

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 #3F5849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5849
}
```

Border

The CSS property to change the border of an element to Hex 3F5849 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
#3F5849 }
```

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

```
.border{ border-color:#3F5849 }
```

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

Here you see how a box with a 4 pixel #3F5849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5849; -webkit-box-shadow:4px 4px  
4px 4px #3F5849; box-shadow:4px 4px 4px  
4px #3F5849 }
```

Background

The CSS property to change the background color of an element to Hex 3F5849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5849 }
```

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

```
.background{ background-color:#3F5849 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor