

Converting Colors

Hex(3F565A)

Have a look what the booklet for
Hex(3F565A) contains.

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Color

Hex(3F565A)

Conversions

Conversions Part 1

Format	Color
Hex	3F565A
RGB	63, 86, 90
RGB Percent	25%, 34%, 35%
CMY	0.7529, 0.6627, 0.6471
CMYK	0.30, 0.04, 0.00, 0.65
HSL	189°, 18%, 30%
HSV	189°, 30%, 35%
XYZ	7.2232, 8.4505, 10.9233
YIQ	79.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

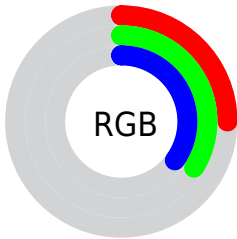
Format	Color
RYB	63, 75, 90
Decimal	4150874
CIELab	34.90, -7.63, -5.17
CIELCh	35, 9.212, 214.108
Yxy	8.4505, 0.2716, 0.3177
Android (android.graphics.Color)	4282340954 (0xFF3F565A)
YUV	79.5790, 5.1376, -14.5398
Hunter-Lab	29.0698, -6.5191, -1.9300

Details

The Hex color **3F565A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A433F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **70888C**, and **12292C** is the 20% darker color. If you saturate the color by 10%, you get **36555A**, and if you desaturate by 10%, it is **48575A**.

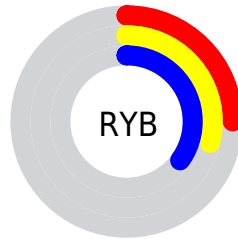
Distribution



Red (25%)

Green (34%)

Blue (35%)



Red (25%)

Yellow (29%)

Blue (35%)

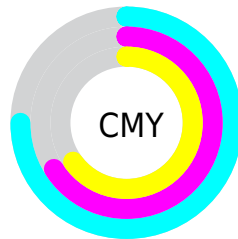


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (65%)



Cyan (75%)

Magenta (66%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F565A 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 3F565A by changing the saturation by 10% instead.



3F565A



3F565A

FFFFFF



283F43



70888C



12292C



89A2A6



001518



A4BDC1



000000



BFD9DD



DBF5FA



F8FFFF



3F565A



3F565A



36555A



48575A

■ 2D535A

■ 51595A

■ 24525A

■ 5A5A5A

■ 1B515A

■ 635B5A

■ 124F5A

■ 6C5D5A

■ 094E5A

■ 755E5A

■ 004D5A

■ 7E5F5A

■ 87615A

■ 90625A

Harmonies

Analogous

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



415653



3F565A



43555F

Triad

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



3F565A



5D4E59



575244

Complementary

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



3F565A



5A433F

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.



5E4F45



3F565A



614D51

Square

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



3F565A



55505E



614E4A



4F5446

Rectangle

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



3F565A



485360



614E4A



595144

Sweetspot

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



3F565A



6B7475



3F5A43



343A3B



BABABA



3B3B3B

Same Dimension

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



3F565A



4B6F75



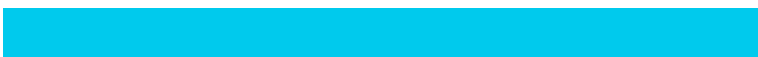
3F495A



292D2E



005D6E



00CAED

Inverse Universe

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



5A3F56



754B6F



5A503F



2E292D



6E005D



ED00CA

Previews

White Background



This preview shows how the Hex color 3F565A looks on a white background.

Color Contrast Check

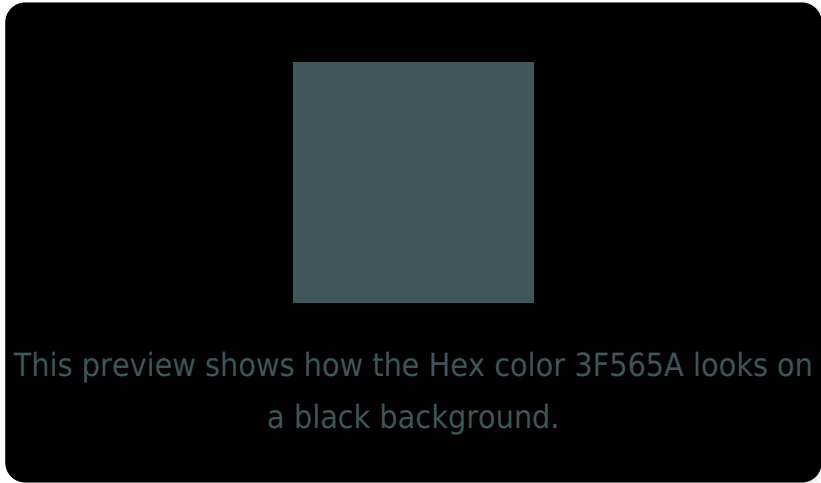
Large Text (above 18pt) WCAG AA ✓ Pass

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

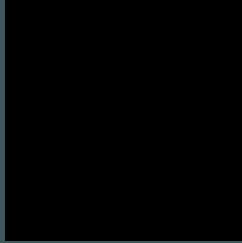
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

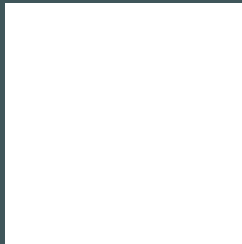
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3F565A Background



This preview shows how black text looks on a background with the Hex color 3F565A.

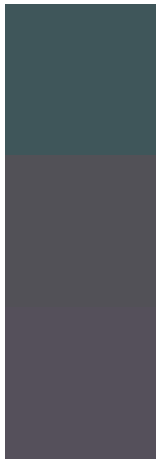


This preview shows how white text looks on a background with the Hex color 3F565A.

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](#).

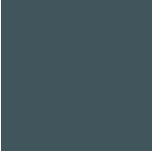
Dichromacy



Original Color
3F565A

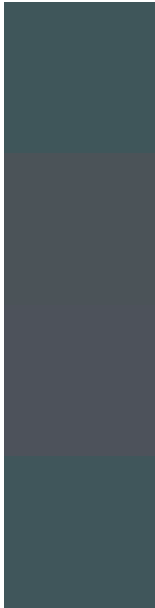
Protanopia
525157

Deuteranopia
55505B



Tritanopia
40565C

Trichromacy



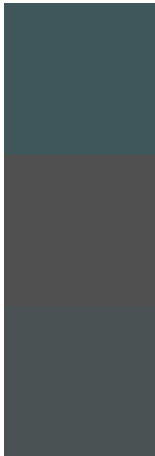
Original Color
3F565A

Protanomaly
4B5358

Deuteranomaly
4D525B

Tritanomaly
40565B

Monochromacy



Original Color
3F565A

Achromatopsia
505050

Achromatomaly
4A5254

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F565A 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 #3F565A looks like.

```
.text, #text, p{  
    color:#3F565A  
}
```

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 #3F565A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F565A
}
```

Border

The CSS property to change the border of an element to Hex 3F565A is called "border". The border property can be set on classes, ids or directly on the HTML element.

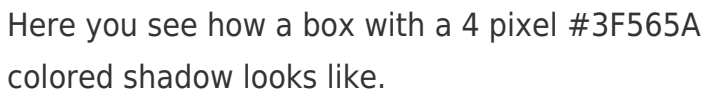
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F565A }
```

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

```
.border{ border-color:#3F565A }
```

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



Here you see how a box with a 4 pixel #3F565A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F565A; -webkit-box-shadow:4px 4px  
4px 4px #3F565A; box-shadow:4px 4px 4px  
4px #3F565A }
```

Background

The CSS property to change the background color of an element to Hex 3F565A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F565A }
```

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

```
.background{ background-color:#3F565A }
```

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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