

Converting Colors

Hex(3F5A67)

Have a look what the booklet for
Hex(3F5A67) contains.

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Color

Hex(3F5A67)

Conversions

Conversions Part 1

Format	Color
Hex	3F5A67
RGB	63, 90, 103
RGB Percent	25%, 35%, 40%
CMY	0.7529, 0.6471, 0.5961
CMYK	0.39, 0.13, 0.00, 0.60
HSL	200°, 24%, 33%
HSV	200°, 39%, 40%
XYZ	8.1542, 9.3484, 14.2066
YIQ	83.4090, -20.2650, -1.6810

Conversions

Conversions Part 2

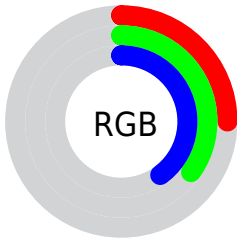
Format	Color
RYB	63, 79, 103
Decimal	4151911
CIELab	36.65, -6.40, -10.67
CIELCh	37, 12.443, 239.032
Yxy	9.3484, 0.2572, 0.2948
Android (android.graphics.Color)	4282341991 (0xFF3F5A67)
YUV	83.4090, 9.6584, -17.8987
Hunter-Lab	30.5751, -5.9012, -6.1463

Details


The Hex color **3F5A67** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **674C3F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **708C9A**, and **102C38** is the 20% darker color. If you saturate the color by 10%, you get **355767**, and if you desaturate by 10%, it is **495D67**.

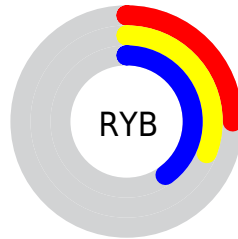
Distribution



 Red (25%)

 Green (35%)

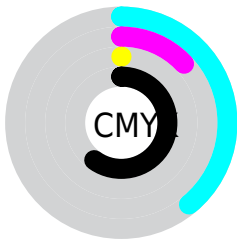
 Blue (40%)




 Red (25%)

 Yellow (31%)

 Blue (40%)

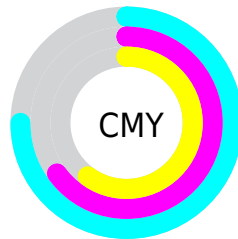


 Cyan (39%)

 Magenta (13%)

 Yellow (0%)

 Black (60%)



 Cyan (75%)

 Magenta (65%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5A67 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 3F5A67 by changing the saturation by 10% instead.



3F5A67



3F5A67

FFFFFF



27434F



708C9A



102C38



8AA6B5



001823



A5C2D0



00000C



C0DDED



000000



DCFAFF



F9FFFF



3F5A67



3F5A67



355767



495D67

■ 2A5367

■ 546167

■ 205067

■ 5E6467

■ 164D67

■ 686767

■ 0C4967

■ 736B67

■ 014667

■ 7D6E67

■ 004667

■ 877167

■ 917567

■ 9C7867

Harmonies

Analogous

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



3B5C60



3F5A67



4A576A

Triad

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



3F5A67



6A4F57



535945

Complementary

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



3F5A67



674C3F

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.



5E5542



3F5A67



6B504D

Square

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



3F5A67



635161



675245



485B4C

Rectangle

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



3F5A67



535569



675245



575843

Sweetspot

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



3F5A67



778287



3F674C



3B4245



C4C4C4



454545

Same Dimension

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



3F5A67



487387



3F4667



2E3133



004D73



00A4F2

Inverse Universe

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



673F5A



874873



67603F



332E31



73004D



F200A4

Previews

White Background



This preview shows how the Hex color 3F5A67 looks on a white background.

Color Contrast Check

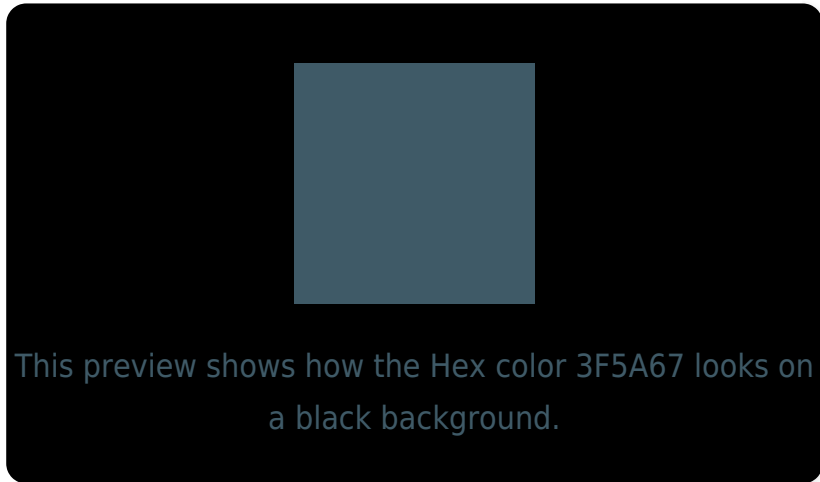
Large Text (above 18pt) WCAG AA ✓ Pass

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

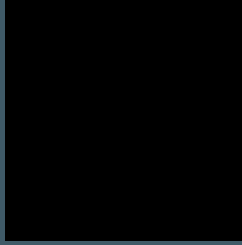
Any Text WCAG AA × Fail

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 3F5A67 Background



This preview shows how black text looks on a background with the Hex color 3F5A67.

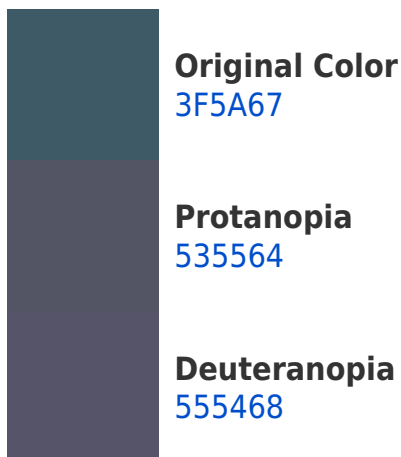


This preview shows how white text looks on a background with the Hex color 3F5A67.

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](#).

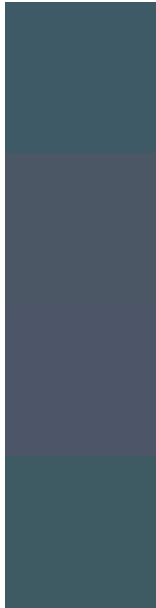
Dichromacy





Tritanopia
3E5B62

Trichromacy



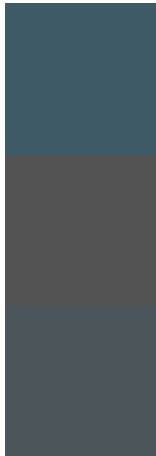
Original Color
3F5A67

Protanomaly
4C5765

Deuteranomaly
4D5668

Tritanomaly
3E5B64

Monochromacy



Original Color
3F5A67

Achromatopsia
535353

Achromatomaly
4C565A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5A67 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 #3F5A67 looks like.

```
.text, #text, p{  
    color:#3F5A67  
}
```

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 #3F5A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5A67
}
```

Border

The CSS property to change the border of an element to Hex 3F5A67 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
#3F5A67 }
```

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

```
.border{ border-color:#3F5A67 }
```

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

Here you see how a box with a 4 pixel #3F5A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5A67; -webkit-box-shadow:4px 4px  
4px 4px #3F5A67; box-shadow:4px 4px 4px  
4px #3F5A67 }
```

Background

The CSS property to change the background color of an element to Hex 3F5A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5A67 }
```

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

```
.background{ background-color:#3F5A67 }
```

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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