

Converting Colors

Hex(3F4B71)

Have a look what the booklet for
Hex(3F4B71) contains.

Hex(3F4B71)	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(3F4B71)

Conversions

Conversions Part 1

Format	Color
Hex	3F4B71
RGB	63, 75, 113
RGB Percent	25%, 29%, 44%
CMY	0.7529, 0.7059, 0.5569
CMYK	0.44, 0.34, 0.00, 0.56
HSL	226°, 28%, 35%
HSV	226°, 44%, 44%
XYZ	7.5466, 7.2812, 16.6304
YIQ	75.7440, -19.3500, 9.2740

Conversions

Conversions Part 2

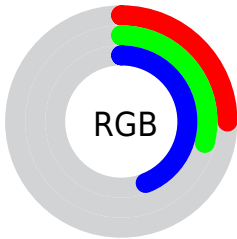
Format	Color
RYB	63, 73, 113
Decimal	4148081
CIELab	32.44, 6.12, -23.39
CIELCh	32, 24.179, 284.650
Yxy	7.2812, 0.2399, 0.2315
Android (android.graphics.Color)	4282338161 (0xFF3F4B71)
YUV	75.7440, 18.3672, -11.1765
Hunter-Lab	26.9836, 2.7004, -17.6528

Details

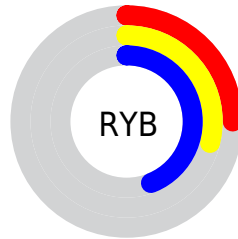
The Hex color **3F4B71** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **71653F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **717CA5**, and **0D2041** is the 20% darker color. If you saturate the color by 10%, you get **344271**, and if you desaturate by 10%, it is **4A5471**.

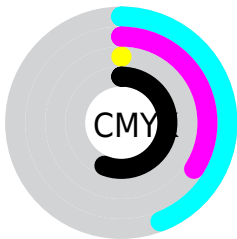
Distribution



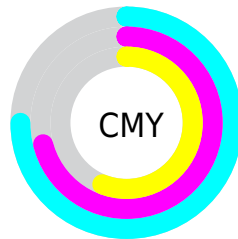
- Red (25%)
- Green (29%)
- Blue (44%)



- Red (25%)
- Yellow (29%)
- Blue (44%)



- Cyan (44%)
- Magenta (34%)
- Yellow (0%)
- Black (56%)



- Cyan (75%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4B71 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 3F4B71 by changing the saturation by 10% instead.

■ 3F4B71

■ 3F4B71

FFFFFF

■ 273558

■ 717CA5

■ 0D2041

■ 8B95C0

■ 00072B

■ A6B0DC

■ 000115

■ C2CBF9

■ 000000

■ DEE7FF

■ FBFFFF

■ 3F4B71

■ 3F4B71

■ 344271

■ 4A5471

■ 283A71

■ 565C71

■ 1D3171

■ 616571

■ 122971

■ 6C6D71

■ 062071

■ 777671

■ 001B71

■ 837F71

■ 8E8771

■ 999071

■ A59871

Harmonies

Analogous

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



195171



3F4B71



5A4467

Triad

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



3F4B71



6D4132



205642

Complementary

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



3F4B71



71653F

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.



3A5330



3F4B71



614827

Square

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



3F4B71



713D44



4F4E27



005655

Rectangle

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



3F4B71



67405D



4F4E27



29553B

Sweetspot

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



3F4B71



818594



3F7164



3E414A



C9C9C9



4A4A4A

Same Dimension

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



3F4B71



465894



4C3F71



323438



001D78



003BF7

Inverse Universe

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



713F4B



944658



64713F



383234



78001D



F7003B

Previews

White Background



This preview shows how the Hex color 3F4B71 looks on a white background.

Color Contrast Check

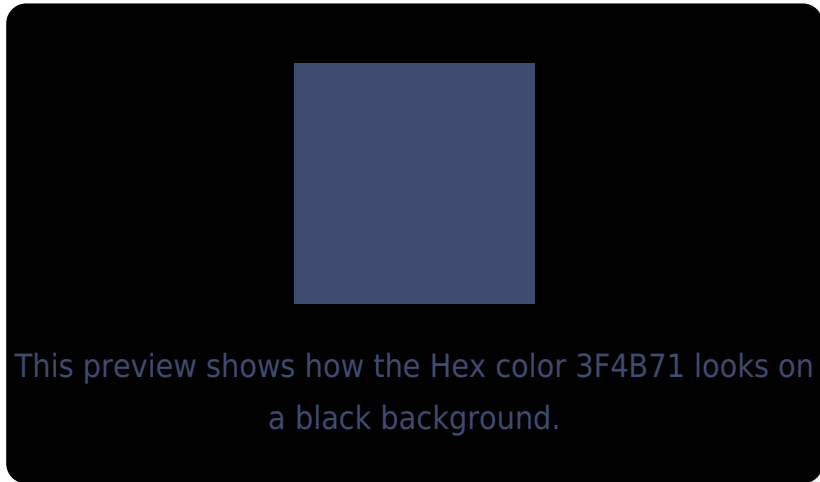
Large Text (above 18pt) WCAG AA ✓ Pass

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

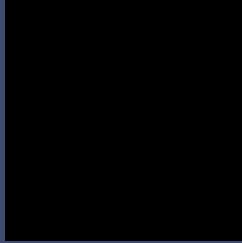
Any Text WCAG AA × Fail

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 3F4B71 Background



This preview shows how black text looks on a background with the Hex color 3F4B71.



This preview shows how white text looks on a background with the Hex color 3F4B71.

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

3F4B71

Protanopia

3F4B71

Deuteranopia

3C4C71



Tritanopia
385057

Trichromacy



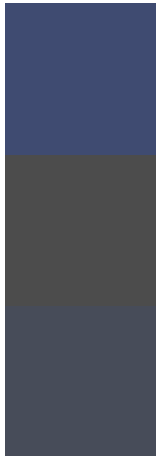
Original Color
3F4B71

Protanomaly
3F4B71

Deuteranomaly
3D4C71

Tritanomaly
3B4E60

Monochromacy



Original Color
3F4B71

Achromatopsia
4C4C4C

Achromatomaly
474C59

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4B71 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 #3F4B71 looks like.

```
.text, #text, p{  
    color:#3F4B71  
}
```

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 #3F4B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4B71  
}
```

Border

The CSS property to change the border of an element to Hex 3F4B71 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  
#3F4B71 }
```

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

```
.border{ border-color:#3F4B71 }
```

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

Here you see how a box with a 4 pixel #3F4B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4B71; -webkit-box-shadow:4px 4px  
4px 4px #3F4B71; box-shadow:4px 4px 4px  
4px #3F4B71 }
```

Background

The CSS property to change the background color of an element to Hex 3F4B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4B71 }
```

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

```
.background{ background-color:#3F4B71 }
```

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