

Converting Colors

Hex(444F71)

Have a look what the booklet for
Hex(444F71) contains.

Hex(444F71)	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(444F71)

Conversions

Conversions Part 1

Format	Color
Hex	444F71
RGB	68, 79, 113
RGB Percent	27%, 31%, 44%
CMY	0.7333, 0.6902, 0.5569
CMYK	0.40, 0.30, 0.00, 0.56
HSL	225°, 25%, 35%
HSV	225°, 40%, 44%
XYZ	8.1605, 8.0132, 16.7394
YIQ	79.5870, -17.4700, 8.2420

Conversions

Conversions Part 2

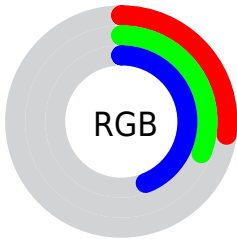
Format	Color
RYB	68, 77, 113
Decimal	4476785
CIELab	34.01, 5.02, -20.92
CIELCh	34, 21.510, 283.488
Yxy	8.0132, 0.2479, 0.2435
Android (android.graphics.Color)	4282666865 (0xFF444F71)
YUV	79.5870, 16.4726, -10.1618
Hunter-Lab	28.3075, 1.9199, -15.2453

Details

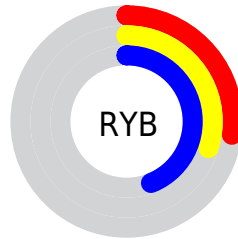
The Hex color **444F71** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **716644**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7680A5**, and **142341** is the 20% darker color. If you saturate the color by 10%, you get **394671**, and if you desaturate by 10%, it is **4F5871**.

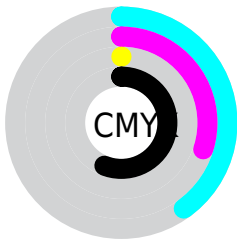
Distribution



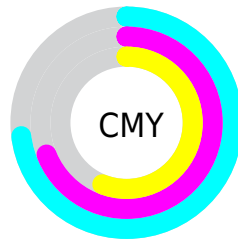
- Red (27%)
- Green (31%)
- Blue (44%)



- Red (27%)
- Yellow (30%)
- Blue (44%)



- Cyan (40%)
- Magenta (30%)
- Yellow (0%)
- Black (56%)



- Cyan (73%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444F71 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 444F71 by changing the saturation by 10% instead.

■ 444F71

■ 444F71

FFFFFF

■ 2C3858

■ 7680A5

■ 142341

■ 909AC0

■ 000D2B

■ ABB5DC

■ 000116

■ C7D0F9

■ 000000

■ E3ECFF

■ 444F71

■ 444F71

■ 394671

■ 4F5871

■ 2D3E71

■ 5B6071

■ 223571

■ 666971

■ 172D71

■ 717171

■ 0B2471

■ 7D7A71

■ 001C71

■ 888271

■ 938B71

■ 9E9371

■ AA9C71

Harmonies

Analogous

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



275470



444F71



5C4969

Triad

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



444F71



6E4639



2B5846

Complementary

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



444F71



716644

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.



415637



444F71



634C2F

Square

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



444F71



714349



54512E



145957

Rectangle

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



444F71



674560



54512E



335840

Sweetspot

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



444F71



828694



447166



40424A



C9C9C9



4A4A4A

Same Dimension

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



444F71



4D5E94



4F4471



323438



001D78



003CF7

Inverse Universe

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



71444F



944D5E



667144



383234



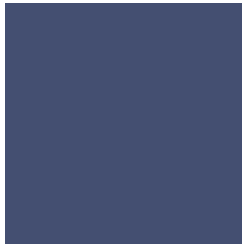
78001D



F7003C

Previews

White Background



This preview shows how the Hex color 444F71 looks on a white background.

Color Contrast Check

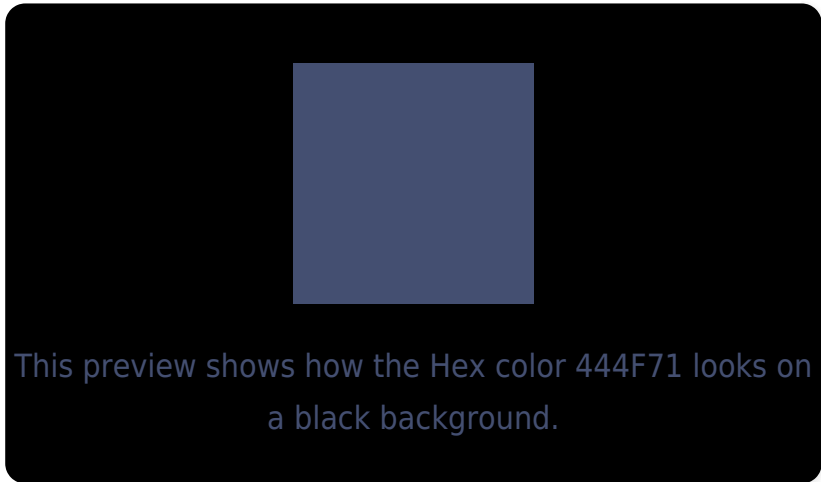
Large Text (above 18pt) WCAG AA ✓ Pass

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

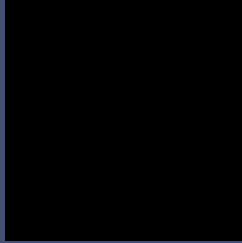
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

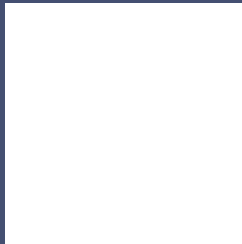
Any Text WCAG AAA × Fail

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

Hex 444F71 Background



This preview shows how black text looks on a background with the Hex color 444F71.



This preview shows how white text looks on a background with the Hex color 444F71.

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

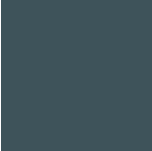
444F71

Protanopia

454F71

Deuteranopia

444F71



Tritanopia
3E535A

Trichromacy



Original Color

444F71

Protanomaly

454F71

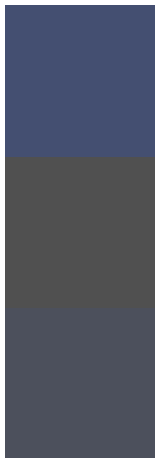
Deuteranomaly

444F71

Tritanomaly

405262

Monochromacy



Original Color

444F71

Achromatopsia

505050

Achromatomaly

4C505C

CSS Examples

Text

The CSS property to change the color of the text to Hex 444F71 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 #444F71 looks like.

```
.text, #text, p{  
    color:#444F71  
}
```

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 #444F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444F71  
}
```

Border

The CSS property to change the border of an element to Hex 444F71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

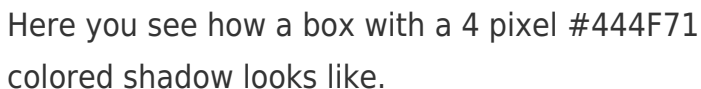
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#444F71 }
```

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

```
.border{ border-color:#444F71 }
```

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



Here you see how a box with a 4 pixel #444F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444F71; -webkit-box-shadow:4px 4px  
4px 4px #444F71; box-shadow:4px 4px 4px  
4px #444F71 }
```

Background

The CSS property to change the background color of an element to Hex 444F71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444F71 }
```

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

```
.background{ background-color:#444F71 }
```

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