

Converting Colors

Hex(444A71)

Have a look what the booklet for
Hex(444A71) contains.

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Color

Hex(444A71)

Conversions

Conversions Part 1

Format	Color
Hex	444A71
RGB	68, 74, 113
RGB Percent	27%, 29%, 44%
CMY	0.7333, 0.7098, 0.5569
CMYK	0.40, 0.35, 0.00, 0.56
HSL	232°, 25%, 35%
HSV	232°, 40%, 44%
XYZ	7.8133, 7.3188, 16.6236
YIQ	76.6520, -16.0950, 10.8570

Conversions

Conversions Part 2

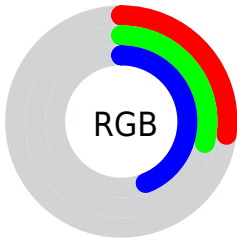
Format	Color
RYB	68, 73, 113
Decimal	4475505
CIELab	32.52, 8.26, -23.24
CIELCh	33, 24.660, 289.568
Yxy	7.3188, 0.2460, 0.2305
Android (android.graphics.Color)	4282665585 (0xFF444A71)
YUV	76.6520, 17.9196, -7.5878
Hunter-Lab	27.0532, 4.2100, -17.4953

Details

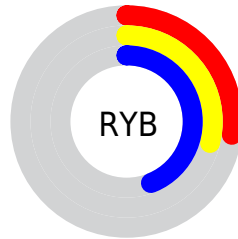
The Hex color **444A71** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **716B44**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **767BA5**, and **141F41** is the 20% darker color. If you saturate the color by 10%, you get **394071**, and if you desaturate by 10%, it is **4F5471**.

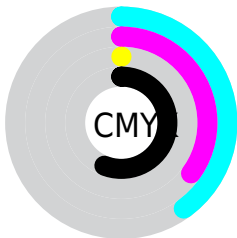
Distribution



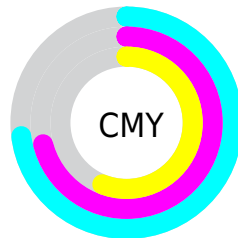
- Red (27%)
- Green (29%)
- Blue (44%)



- Red (27%)
- Yellow (29%)
- Blue (44%)



- Cyan (40%)
- Magenta (35%)
- Yellow (0%)
- Black (56%)



- Cyan (73%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444A71 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 444A71 by changing the saturation by 10% instead.

■ 444A71

■ 444A71

FFFFFF

■ 2C3458

■ 767BA5

■ 141F41

■ 9094C0

■ 00052B

■ ABAFDC

■ 000115

■ C7CAF9

■ 000000

■ E3E6FF

■ 444A71

■ 444A71

■ 394071

■ 4F5471

■ 2D3671

■ 5B5E71

■ 222D71

■ 666771

■ 172371

■ 717171

■ 0B1971

■ 7D7B71

■ 000F71

■ 888571

■ 938F71

■ 9E9871

■ AAA271

Harmonies

Analogous

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



1F5072



444A71



5E4366

Triad

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



444A71



6C4230



195645

Complementary

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



444A71



716B44

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.



365433



444A71



5F4926

Square

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



444A71



723D40



4C4F27



005759

Rectangle

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



444A71



6A3F5A



4C4F27



24563E

Sweetspot

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



444A71



828594



44716B



40414A



C9C9C9



4A4A4A

Same Dimension

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



444A71



4D5694



544471



323338



001078



0021F7

Inverse Universe

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



71444A



944D56



617144



383233



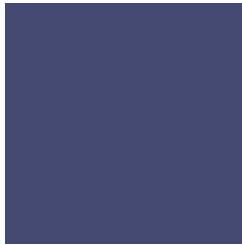
780010



F70021

Previews

White Background



This preview shows how the Hex color 444A71 looks on a white background.

Color Contrast Check

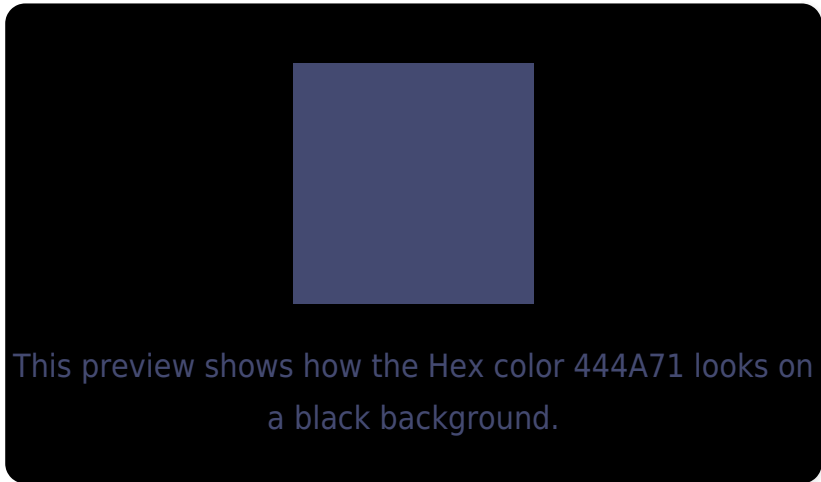
Large Text (above 18pt) WCAG AA ✓ Pass

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 444A71 Background



This preview shows how black text looks on a background with the Hex color 444A71.



This preview shows how white text looks on a background with the Hex color 444A71.

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

444A71

Protanopia

3F4B72

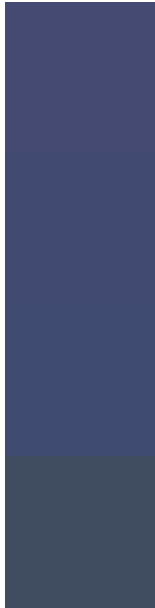
Deuteranopia

3D4C71



Tritanopia
3D4F56

Trichromacy



Original Color
444A71

Protanomaly
414B72

Deuteranomaly
404B71

Tritanomaly
404D60

Monochromacy



Original Color
444A71

Achromatopsia
4D4D4D

Achromatomaly
4A4C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 444A71 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 #444A71 looks like.

```
.text, #text, p{  
    color:#444A71  
}
```

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 #444A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444A71
}
```

Border

The CSS property to change the border of an element to Hex 444A71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

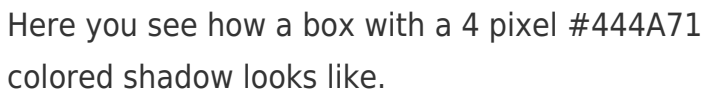
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444A71 }
```

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

```
.border{ border-color:#444A71 }
```

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



Here you see how a box with a 4 pixel #444A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444A71; -webkit-box-shadow:4px 4px  
4px 4px #444A71; box-shadow:4px 4px 4px  
4px #444A71 }
```

Background

The CSS property to change the background color of an element to Hex 444A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444A71 }
```

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

```
.background{ background-color:#444A71 }
```

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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