

Converting Colors

Hex(444B62)

Have a look what the booklet for
Hex(444B62) contains.

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Color

Hex(444B62)

Conversions

Conversions Part 1

Format	Color
Hex	444B62
RGB	68, 75, 98
RGB Percent	27%, 29%, 38%
CMY	0.7333, 0.7059, 0.6157
CMYK	0.31, 0.23, 0.00, 0.62
HSL	226°, 18%, 33%
HSV	226°, 31%, 38%
XYZ	7.1046, 7.1429, 12.5595
YIQ	75.5290, -11.5550, 5.6690

Conversions

Conversions Part 2

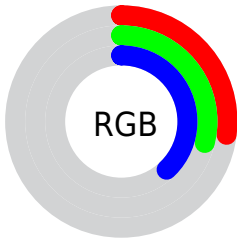
Format	Color
RYB	68, 74, 98
Decimal	4475746
CIELab	32.13, 3.16, -14.37
CIElCh	32, 14.718, 282.415
Yxy	7.1429, 0.2650, 0.2665
Android (android.graphics.Color)	4282665826 (0xFF444B62)
YUV	75.5290, 11.0782, -6.6029
Hunter-Lab	26.7263, 0.6792, -9.1539

Details

The Hex color **444B62** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **625B44**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **757C95**, and **171F33** is the 20% darker color. If you saturate the color by 10%, you get **3A4362**, and if you desaturate by 10%, it is **4E5362**.

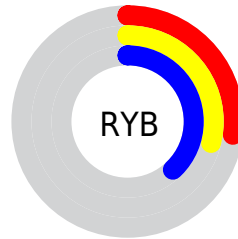
Distribution



Red (27%)

Green (29%)

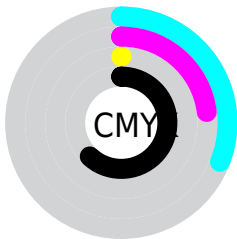
Blue (38%)



Red (27%)

Yellow (29%)

Blue (38%)

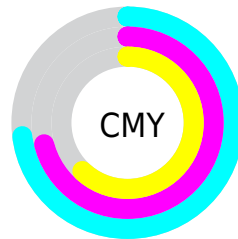


Cyan (31%)

Magenta (23%)

Yellow (0%)

Black (62%)



Cyan (73%)

Magenta (71%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444B62 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 444B62 by changing the saturation by 10% instead.

■ 444B62

■ 444B62

FFFFFF

■ 2D344A

■ 757C95

■ 171F33

■ 8F95AF

■ 00071F

■ A9B0CB

■ 000002

■ C5CBE7

■ 000000

■ E1E8FF

FEFFFF

■ 444B62

■ 444B62

■ 3A4362

■ 4E5362

■ 303C62

■ 585A62

■ 273462

■ 616262

■ 1D2D62

■ 6B6962

■ 132562

■ 757162

■ 091E62

■ 7F7862

■ 001762

■ 898062

■ 928762

■ 9C8F62

Harmonies

Analogous

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



344F61



444B62



53475D

Triad

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



444B62



61453D



355244

Complementary

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



444B62



625B44

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.



42503A



444B62



5A4936

Square

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



444B62



634347



4F4C35



2B5250

Rectangle

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



444B62



5B4556



4F4C35



395141

Sweetspot

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



444B62



747780



44625B



393A40



BFBFBF



404040

Same Dimension

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



444B62



505B80



4C4462



2C2D30



001A70



0038F0

Inverse Universe

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



62444B



80505B



5A6244



302C2D



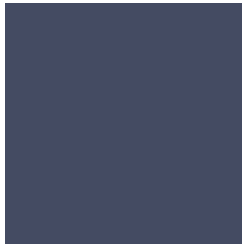
70001A



F00038

Previews

White Background



This preview shows how the Hex color 444B62 looks on a white background.

Color Contrast Check

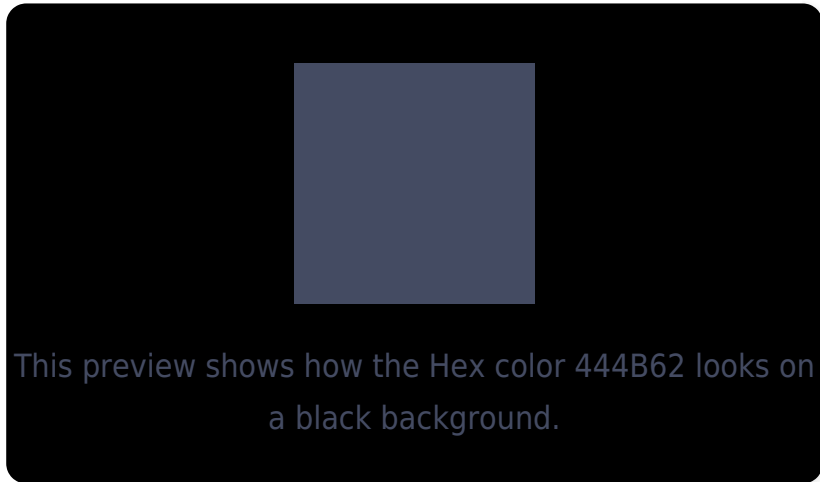
Large Text (above 18pt) WCAG AA ✓ Pass

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

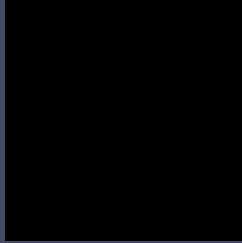
Any Text WCAG AA × Fail

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 444B62 Background



This preview shows how black text looks on a background with the Hex color 444B62.

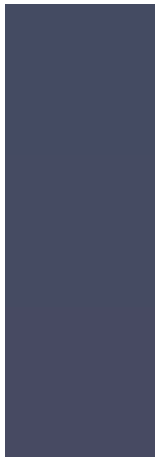


This preview shows how white text looks on a background with the Hex color 444B62.

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
444B62

Protanopia
454B62

Deuteranopia
474A62



Tritanopia
414E54

Trichromacy



Original Color

444B62

Protanomaly

454B62

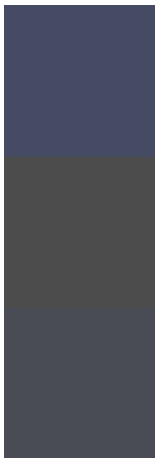
Deuteranomaly

464A62

Tritanomaly

424D59

Monochromacy



Original Color

444B62

Achromatopsia

4C4C4C

Achromatomaly

494C54

CSS Examples

Text

The CSS property to change the color of the text to Hex 444B62 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 #444B62 looks like.

```
.text, #text, p{  
    color:#444B62  
}
```

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 #444B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444B62
}
```

Border

The CSS property to change the border of an element to Hex 444B62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

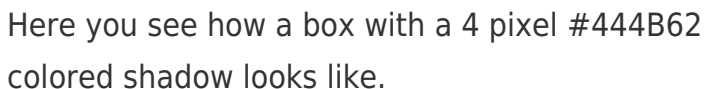
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444B62 }
```

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

```
.border{ border-color:#444B62 }
```

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



Here you see how a box with a 4 pixel #444B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444B62; -webkit-box-shadow:4px 4px  
4px 4px #444B62; box-shadow:4px 4px 4px  
4px #444B62 }
```

Background

The CSS property to change the background color of an element to Hex 444B62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444B62 }
```

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

```
.background{ background-color:#444B62 }
```

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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