

Converting Colors

Hex(444B55)

Have a look what the booklet for
Hex(444B55) contains.

Hex(444B55)	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(444B55)

Conversions

Conversions Part 1

Format	Color
Hex	444B55
RGB	68, 75, 85
RGB Percent	27%, 29%, 33%
CMY	0.7333, 0.7059, 0.6667
CMYK	0.20, 0.12, 0.00, 0.67
HSL	215°, 11%, 30%
HSV	215°, 20%, 33%
XYZ	6.5397, 6.9170, 9.5848
YIQ	74.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

Format	Color
RYB	68, 73, 85
Decimal	4475733
CIELab	31.62, -0.36, -6.87
CIELCh	32, 6.880, 266.985
Yxy	6.9170, 0.2838, 0.3002
Android (android.graphics.Color)	4282665813 (0xFF444B55)
YUV	74.0470, 5.3998, -5.3032
Hunter-Lab	26.3001, -1.6403, -3.1974

Details

The Hex color **444B55** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **554E44**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **747C87**, and **191F28** is the 20% darker color. If you saturate the color by 10%, you get **3B4655**, and if you desaturate by 10%, it is **4C5055**.

Distribution



Red (27%)

Green (29%)

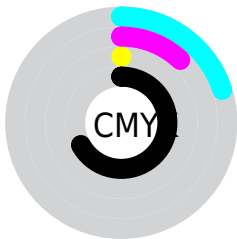
Blue (33%)



Red (27%)

Yellow (29%)

Blue (33%)

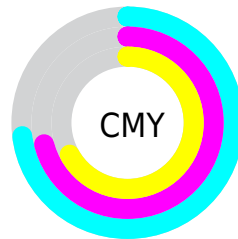


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (71%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444B55 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 444B55 by changing the saturation by 10% instead.

■ 444B55

■ 444B55

FFFFFF

■ 2E343E

■ 747C87

■ 191F28

■ 8E95A1

■ 000714

■ A8B0BC

■ 000000

■ C4CCD8

■ E0E8F4

■ FFFFFFFF

■ 444B55

■ 444B55

■ 3B4655

■ 4C5055

■ 334155

■ 555555

■ 2A3C55

■ 5E5A55

■ 223755

■ 665F55

■ 193255

■ 6E6455

■ 112D55

■ 776955

■ 082855

■ 7F6E55

■ 002355

■ 887355

■ 907855

Harmonies

Analogous

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



3F4D53



444B55



4B4954

Triad

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



444B55



564746



434D44

Complementary

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



444B55



554E44

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.



494C41



444B55



544842

Square

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



444B55



55474B



4F4A40



3F4E4A

Rectangle

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



444B55



4F4852



4F4A40



454C43

Sweetspot

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



444B55



676A6E



44554E



343638



B8B8B8



383838

Same Dimension

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



444B55



535E6E



454455



27292B



002C6B



0061EB

Inverse Universe

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



55444B



6E535E



545544



2B2729



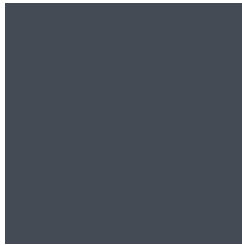
6B002C



EB0061

Previews

White Background



This preview shows how the Hex color 444B55 looks on a white background.

Color Contrast Check

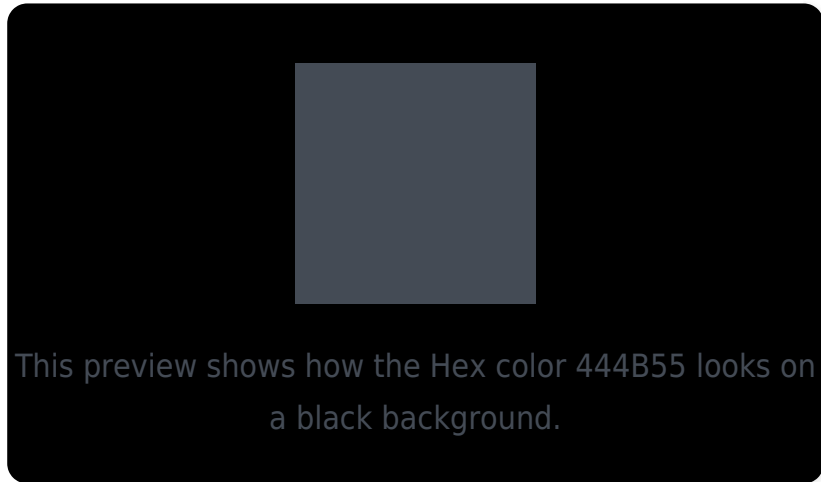
Large Text (above 18pt) WCAG AA ✓ Pass

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

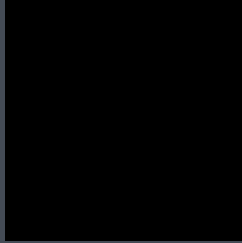
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

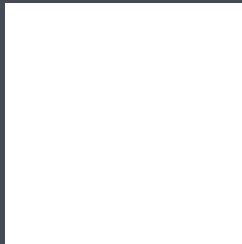
Any Text WCAG AAA × Fail

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

Hex 444B55 Background



This preview shows how black text looks on a background with the Hex color 444B55.



This preview shows how white text looks on a background with the Hex color 444B55.

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

444B55

Protanopia

494A54

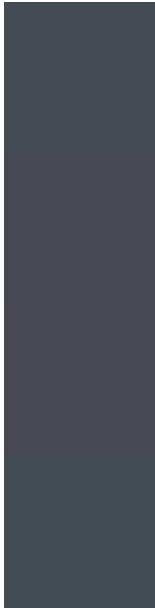
Deuteranopia

4C4856



Tritanopia
434C52

Trichromacy



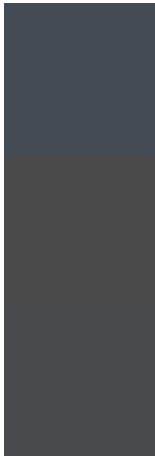
Original Color
444B55

Protanomaly
474A54

Deuteranomaly
494956

Tritanomaly
434C53

Monochromacy



Original Color
444B55

Achromatopsia
4A4A4A

Achromatomaly
484A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 444B55 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 #444B55 looks like.

```
.text, #text, p{  
    color:#444B55  
}
```

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 #444B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444B55  
}
```

Border

The CSS property to change the border of an element to Hex 444B55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

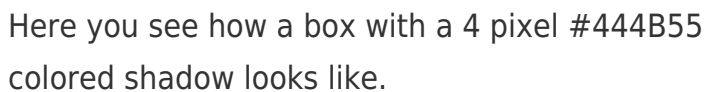
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#444B55 }
```

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

```
.border{ border-color:#444B55 }
```

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



Here you see how a box with a 4 pixel #444B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444B55; -webkit-box-shadow:4px 4px  
4px 4px #444B55; box-shadow:4px 4px 4px  
4px #444B55 }
```

Background

The CSS property to change the background color of an element to Hex 444B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444B55 }
```

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

```
.background{ background-color:#444B55 }
```

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