

Converting Colors

Hex(4E4861)

Have a look what the booklet for
Hex(4E4861) contains.

Hex(4E4861)	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(4E4861)

Conversions

Conversions Part 1

Format	Color
Hex	4E4861
RGB	78, 72, 97
RGB Percent	31%, 28%, 38%
CMY	0.6941, 0.7176, 0.6196
CMYK	0.20, 0.26, 0.00, 0.62
HSL	254°, 15%, 33%
HSV	254°, 26%, 38%
XYZ	7.6169, 7.1175, 12.2816
YIQ	76.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

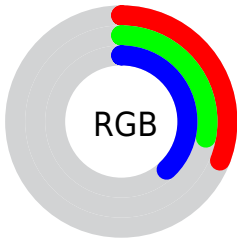
Format	Color
R_{YB}	78, 72, 97
Decimal	5130337
CIE Lab	32.07, 8.36, -13.75
CIE LCh	32, 16.090, 301.291
Yxy	7.1175, 0.2819, 0.2635
Android (android.graphics.Color)	4283320417 (0xFF4E4861)
YUV	76.6440, 10.0355, 1.1892
Hunter-Lab	26.6786, 4.2752, -8.6193

Details

The Hex color **4E4861** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5B6148**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7F7894**, and **211D33** is the 20% darker color. If you saturate the color by 10%, you get **473E61**, and if you desaturate by 10%, it is **555261**.

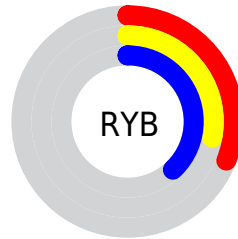
Distribution



Red (31%)

Green (28%)

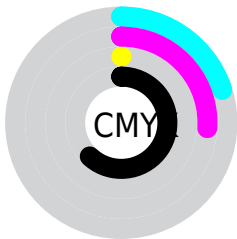
Blue (38%)



Red (31%)

Yellow (28%)

Blue (38%)

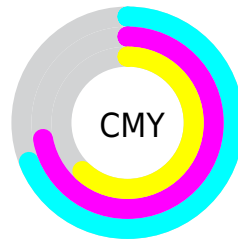


Cyan (20%)

Magenta (26%)

Yellow (0%)

Black (62%)



Cyan (69%)

Magenta (72%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4861 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 4E4861 by changing the saturation by 10% instead.

■ 4E4861

■ 4E4861

FFFFFF

■ 373249

■ 7F7894

■ 211D33

■ 9992AE

■ 0D021E

■ B4ADCA

■ 000000

■ D0C8E6

■ ECE4FF

■ 4E4861

■ 4E4861

■ 473E61

■ 555261

■ 3F3561

■ 5D5B61

■ 382B61

■ 646561

■ 312161

■ 6B6F61

■ 291861

■ 737961

■ 220E61

■ 7A8261

■ 1A0461

■ 828C61

■ 170061

■ 899661

■ 909F61

Harmonies

Analogous

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



3C4C64



4E4861



5C4458

Triad

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



4E4861



5F4736



2A524C

Complementary

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



4E4861



5B6148

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.



38513F



4E4861



544B32

Square

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



4E4861



64433F



464F36



245258

Rectangle

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



4E4861



624250



464F36



2E5247

Sweetspot

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



4E4861



75737D



485B61



3B3940



BFBFBF



404040

Same Dimension

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



4E4861



60567D



5A4861



2D2C30



1B0070



3A00F0

Inverse Universe

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



61485B



7D5674



4F6148



302C2F



700055



F000B6

Previews

White Background



This preview shows how the Hex color 4E4861 looks on a white background.

Color Contrast Check

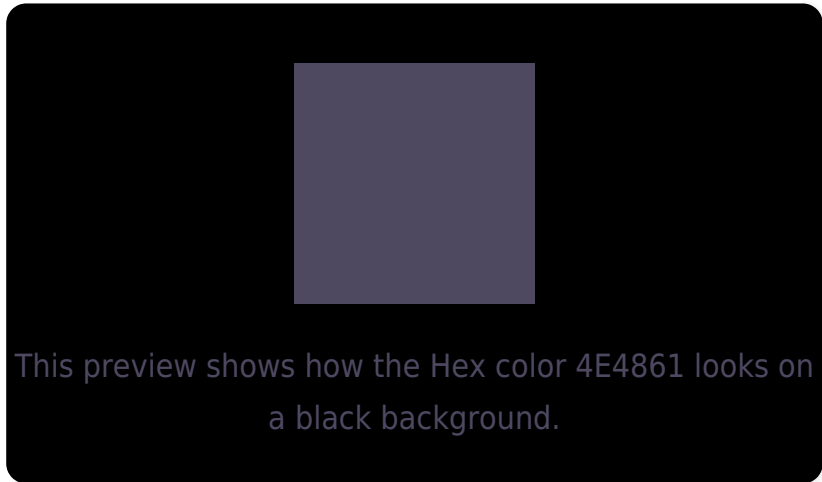
Large Text (above 18pt) WCAG AA ✓ Pass

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

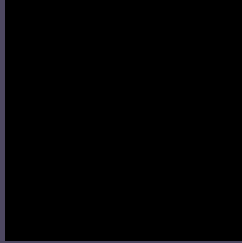
Any Text WCAG AA × Fail

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 4E4861 Background



This preview shows how black text looks on a background with the Hex color 4E4861.

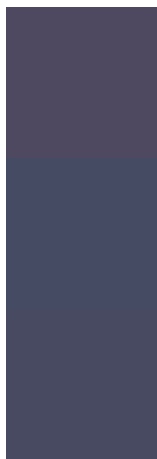


This preview shows how white text looks on a background with the Hex color 4E4861.

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

4E4861

Protanopia

454B63

Deuteranopia

484A61



Tritanopia
4B4B51

Trichromacy



Original Color

4E4861

Protanomaly

484A62

Deuteranomaly

4A4961

Tritanomaly

4C4A57

Monochromacy



Original Color

4E4861

Achromatopsia

4D4D4D

Achromatomaly

4D4B54

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4861 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 #4E4861 looks like.

```
.text, #text, p{  
    color:#4E4861  
}
```

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 #4E4861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4861
}
```

Border

The CSS property to change the border of an element to Hex 4E4861 is called "border". The border property can be set on classes, ids or directly on the HTML element.

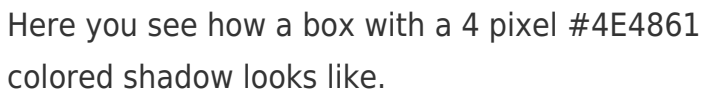
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E4861 }
```

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

```
.border{ border-color:#4E4861 }
```

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



Here you see how a box with a 4 pixel #4E4861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4861; -webkit-box-shadow:4px 4px  
4px 4px #4E4861; box-shadow:4px 4px 4px  
4px #4E4861 }
```

Background

The CSS property to change the background color of an element to Hex 4E4861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4861 }
```

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

```
.background{ background-color:#4E4861 }
```

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