

Converting Colors

Hex(4A4C57)

Have a look what the booklet for
Hex(4A4C57) contains.

Hex(4A4C57)	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(4A4C57)

Conversions

Conversions Part 1

Format	Color
Hex	4A4C57
RGB	74, 76, 87
RGB Percent	29%, 30%, 34%
CMY	0.7098, 0.7020, 0.6588
CMYK	0.15, 0.13, 0.00, 0.66
HSL	231°, 8%, 32%
HSV	231°, 15%, 34%
XYZ	7.1288, 7.3128, 10.0526
YIQ	76.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

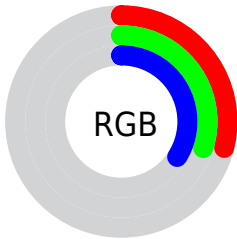
Format	Color
RYB	74, 76, 87
Decimal	4869207
CIELab	32.51, 1.77, -6.76
CIELCh	33, 6.986, 284.687
Yxy	7.3128, 0.2910, 0.2986
Android (android.graphics.Color)	4283059287 (0xFF4A4C57)
YUV	76.6560, 5.0996, -2.3293
Hunter-Lab	27.0423, -0.2685, -3.1107

Details

The Hex color **4A4C57** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **57554A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7B7D89**, and **1E202A** is the 20% darker color. If you saturate the color by 10%, you get **414557**, and if you desaturate by 10%, it is **535357**.

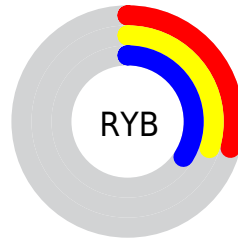
Distribution



Red (29%)

Green (30%)

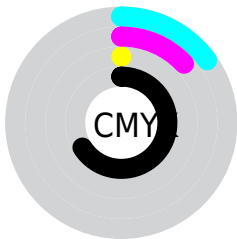
Blue (34%)



Red (29%)

Yellow (30%)

Blue (34%)

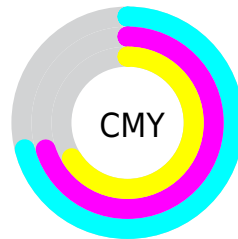


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (66%)



Cyan (71%)

Magenta (70%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4C57 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 4A4C57 by changing the saturation by 10% instead.



4A4C57



4A4C57

FFFFFF



333540



7B7D89



1E202A



9597A3



060816



AFB1BE



000000



CBCDDA



E7E9F6



4A4C57



4A4C57



414557



535357



393D57



5B5B57

■ 303657

■ 646257

■ 272F57

■ 6D6957

■ 1F2757

■ 767157

■ 162057

■ 7E7857

■ 0D1857

■ 878057

■ 041157

■ 908757

■ 000D57

■ 988E57

Harmonies

Analogous

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



434E57



4A4C57



514A54

Triad

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



4A4C57



574A45



425049

Complementary

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



4A4C57



57554A

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.



484F45



4A4C57



544B42

Square

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



4A4C57



58494A



4E4D42



3F504F

Rectangle

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



4A4C57



554951



4E4D42



444F48

Sweetspot

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



4A4C57



6C6C70



4A5755



353638



B8B8B8



383838

Same Dimension

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



4A4C57



5C5F70



4E4A57



27282B



00106B



0024EB

Inverse Universe

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



574A4C



705C5F



53574A



2B2728



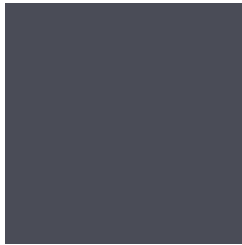
6B0010



EB0024

Previews

White Background



This preview shows how the Hex color 4A4C57 looks on a white background.

Color Contrast Check

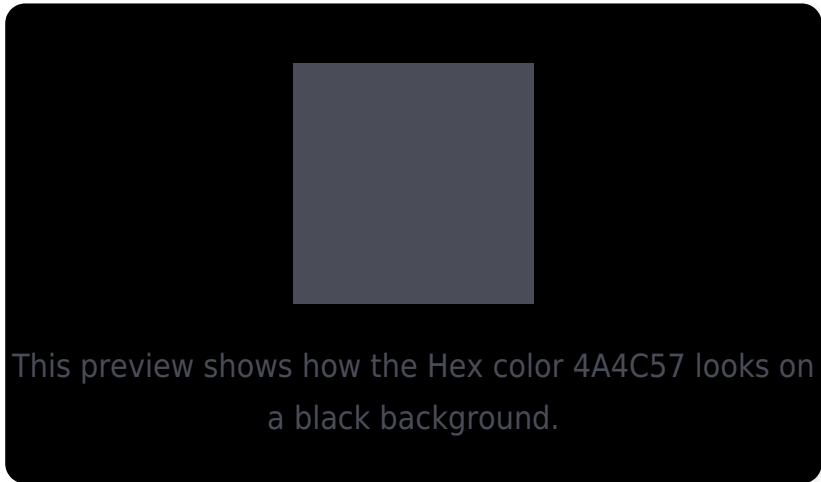
Large Text (above 18pt) WCAG AA ✓ Pass

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

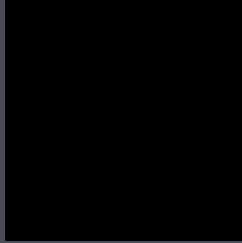
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

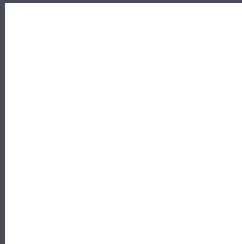
Any Text WCAG AAA × Fail

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

Hex 4A4C57 Background



This preview shows how black text looks on a background with the Hex color 4A4C57.



This preview shows how white text looks on a background with the Hex color 4A4C57.

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

4A4C57

Protanopia

4B4C57

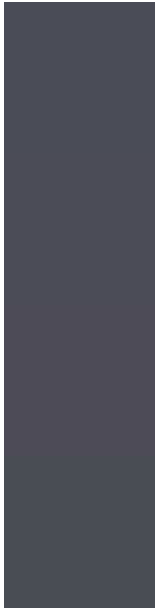
Deuteranopia

4F4A57



Tritanopia
494D53

Trichromacy



Original Color

4A4C57

Protanomaly

4B4C57

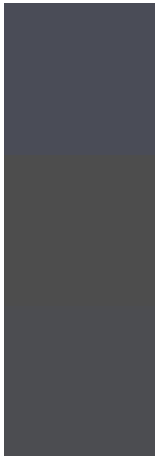
Deuteranomaly

4D4B57

Tritanomaly

494D54

Monochromacy



Original Color

4A4C57

Achromatopsia

4D4D4D

Achromatomaly

4C4D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4C57 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 #4A4C57 looks like.

```
.text, #text, p{  
    color:#4A4C57  
}
```

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 #4A4C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4C57  
}
```

Border

The CSS property to change the border of an element to Hex 4A4C57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

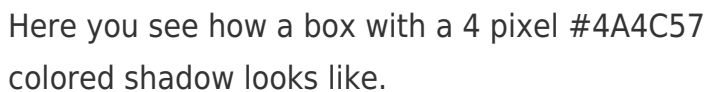
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4A4C57 }
```

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

```
.border{ border-color:#4A4C57 }
```

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



Here you see how a box with a 4 pixel #4A4C57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4C57; -webkit-box-shadow:4px 4px  
4px 4px #4A4C57; box-shadow:4px 4px 4px  
4px #4A4C57 }
```

Background

The CSS property to change the background color of an element to Hex 4A4C57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4C57 }
```

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

```
.background{ background-color:#4A4C57 }
```

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