

Converting Colors

Hex(4A4A5E)

Have a look what the booklet for
Hex(4A4A5E) contains.

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Color

Hex(4A4A5E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 4A4A5E |
| RGB | 74, 74, 94 |
| RGB Percent | 29%, 29%, 37% |
| CMY | 0.7098, 0.7098, 0.6314 |
| CMYK | 0.21, 0.21, 0.00, 0.63 |
| HSL | 240°, 12%, 33% |
| HSV | 240°, 21%, 37% |
| XYZ | 7.2932, 7.1616, 11.5876 |
| YIQ | 76.2800, -6.4200, 6.2200 |

Conversions

Conversions Part 2

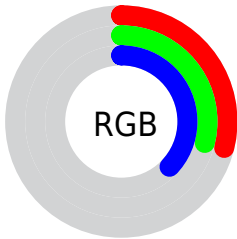
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 74, 74, 94 |
| Decimal | 4868702 |
| CIE Lab | 32.17, 4.83, -11.72 |
| CIE LCh | 32, 12.680, 292.400 |
| Yxy | 7.1616, 0.2801, 0.2750 |
| Android (android.graphics.Color) | 4283058782 (0xFF4A4A5E) |
| YUV | 76.2800, 8.7360, -1.9996 |
| Hunter-Lab | 26.7611, 1.8147, -6.9399 |

Details

The Hex color **4A4A5E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5E5E4A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7B7B90**, and **1E1E30** is the 20% darker color. If you saturate the color by 10%, you get **41415E**, and if you desaturate by 10%, it is **53535E**.

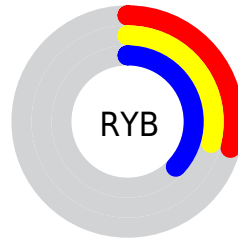
Distribution



Red (29%)

Green (29%)

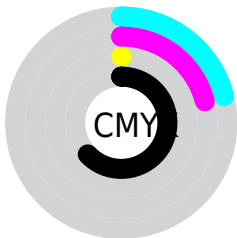
Blue (37%)



Red (29%)

Yellow (29%)

Blue (37%)

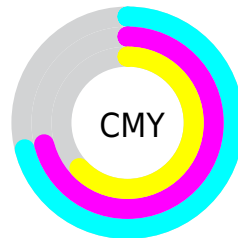


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (63%)



Cyan (71%)

Magenta (71%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4A5E 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 4A4A5E by changing the saturation by 10% instead.



4A4A5E



4A4A5E

FFFFFF



333346



7B7B90



1E1E30



9594AB



07051B



B0AFC6



000000



CBCAE2



E7E6FF



4A4A5E



4A4A5E



41415E



53535E



37375E



5D5D5E

■ 2E2E5E

■ 66665E

■ 24245E

■ 70705E

■ 1B1B5E

■ 79795E

■ 12125E

■ 82825E

■ 08085E

■ 8C8C5E

■ 00005E

■ 95955E

■ 9F9F5E

Harmonies

Analogous

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



3C4D5F



4A4A5E



564758

Triad

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



4A4A5E



5D473C



365149

Complementary

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



4A4A5E



5E5E4A

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.



40503F



4A4A5E



564A38

Square

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



4A4A5E



604545



4B4D39



305153

Rectangle

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



4A4A5E



5C4552



4B4D39



395145

Sweetspot

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



4A4A5E



73737A



4A5E5E



39393D



BDBDBD



3D3D3D

Same Dimension

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



4A4A5E



5B5B7A



544A5E



29292E



00006E



0000ED

Inverse Universe

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



5E4A5E



7A5B7A



545E4A



2E292E



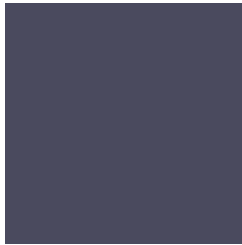
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 4A4A5E looks on a white background.

Color Contrast Check

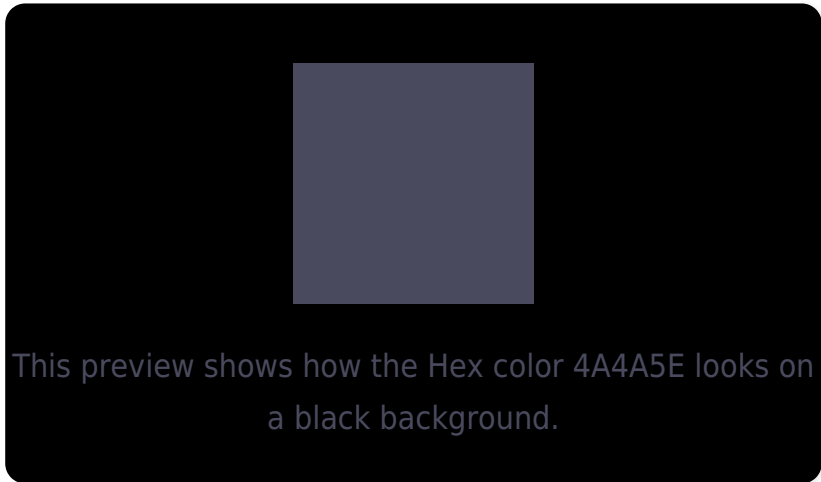
Large Text (above 18pt) WCAG AA ✓ Pass

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

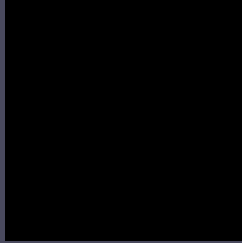
Any Text WCAG AA × Fail

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 4A4A5E Background



This preview shows how black text looks on a background with the Hex color 4A4A5E.

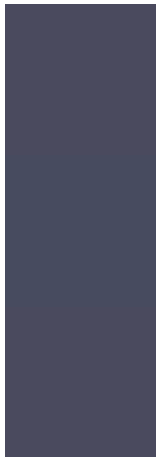


This preview shows how white text looks on a background with the Hex color 4A4A5E.

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
4A4A5E

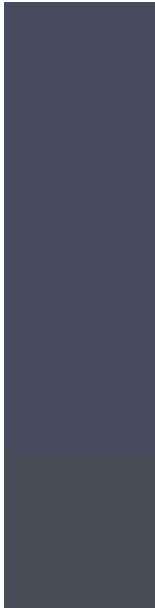
Protanopia
474B5F

Deuteranopia
4A4A5E



Tritanopia
484C52

Trichromacy



Original Color

4A4A5E

Protanomaly

484B5F

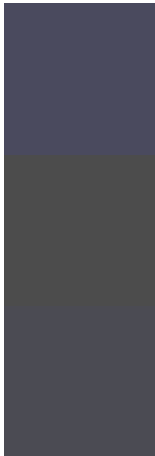
Deuteranomaly

4A4A5E

Tritanomaly

494B56

Monochromacy



Original Color

4A4A5E

Achromatopsia

4C4C4C

Achromatomaly

4B4B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4A5E 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 #4A4A5E looks like.

```
.text, #text, p{  
    color:#4A4A5E  
}
```

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 #4A4A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4A5E
}
```

Border

The CSS property to change the border of an element to Hex 4A4A5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

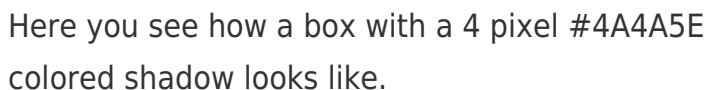
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4A5E }
```

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

```
.border{ border-color:#4A4A5E }
```

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



Here you see how a box with a 4 pixel #4A4A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4A5E; -webkit-box-shadow:4px 4px  
4px 4px #4A4A5E; box-shadow:4px 4px 4px  
4px #4A4A5E }
```

Background

The CSS property to change the background color of an element to Hex 4A4A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4A5E }
```

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

```
.background{ background-color:#4A4A5E }
```

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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