

Converting Colors

Hex(4A4A58)

Have a look what the booklet for
Hex(4A4A58) contains.

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Color

Hex(4A4A58)

Conversions

Conversions Part 1

Format	Color
Hex	4A4A58
RGB	74, 74, 88
RGB Percent	29%, 29%, 35%
CMY	0.7098, 0.7098, 0.6549
CMYK	0.16, 0.16, 0.00, 0.65
HSL	240°, 9%, 32%
HSV	240°, 16%, 35%
XYZ	7.0343, 7.0580, 10.2241
YIQ	75.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

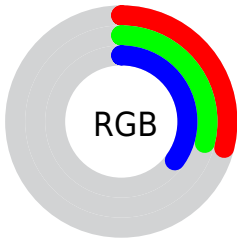
Format	Color
R_YB	74, 74, 88
Decimal	4868696
CIE Lab	31.94, 3.29, -8.25
CIE LCh	32, 8.885, 291.755
Yxy	7.0580, 0.2893, 0.2903
Android (android.graphics.Color)	4283058776 (0xFF4A4A58)
YUV	75.5960, 6.1152, -1.3997
Hunter-Lab	26.5669, 0.7705, -4.2206

Details

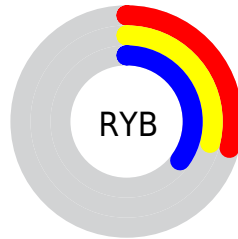
The Hex color **4A4A58** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **58584A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7B7B8A**, and **1E1E2B** is the 20% darker color. If you saturate the color by 10%, you get **414158**, and if you desaturate by 10%, it is **535358**.

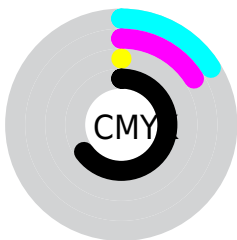
Distribution



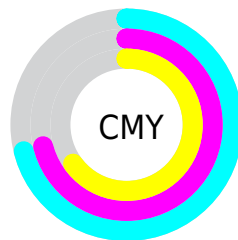
- Red (29%)
- Green (29%)
- Blue (35%)



- Red (29%)
- Yellow (29%)
- Blue (35%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (65%)



- Cyan (71%)
- Magenta (71%)
- Yellow (65%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4A58 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 4A4A58 by changing the saturation by 10% instead.



4A4A58



4A4A58

FFFFFF



333341



7B7B8A



1E1E2B



9594A4



060516



AFAFBF



000000



CBCADB



E7E6F8



4A4A58



4A4A58



414158



535358



383858



5C5C58

■ 303058

■ 646458

■ 272758

■ 6D6D58

■ 1E1E58

■ 767658

■ 151558

■ 7F7F58

■ 0C0C58

■ 888858

■ 040458

■ 909058

■ 000058

■ 999958

Harmonies

Analogous

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



414C59



4A4A58



524854

Triad

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



4A4A58



584840



3C4F49

Complementary

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



4A4A58



58584A

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.



434E42



4A4A58



534A3D

Square

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



4A4A58



5A4646



4B4C3E



394F50

Rectangle

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



4A4A58



574750



4B4C3E



3E4F47

Sweetspot

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



4A4A58



6D6D73



4A5858



37373B



BABABA



3B3B3B

Same Dimension

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



4A4A58



5D5D73



514A58



27272B



00006B



0000EB

Inverse Universe

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



584A58



735D73



51584A



2B272B



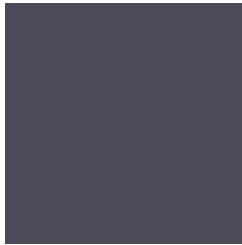
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 4A4A58 looks on a white background.

Color Contrast Check

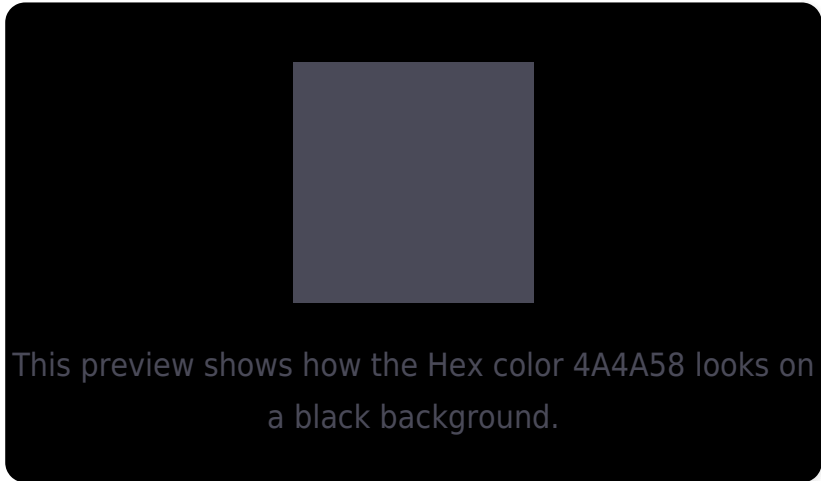
Large Text (above 18pt) WCAG AA ✓ Pass

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

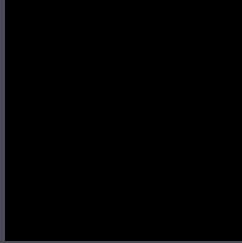
Any Text WCAG AA × Fail

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 4A4A58 Background



This preview shows how black text looks on a background with the Hex color 4A4A58.

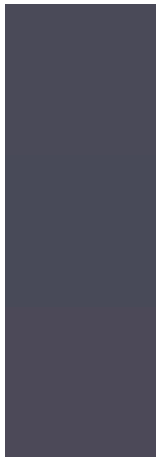


This preview shows how white text looks on a background with the Hex color 4A4A58.

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
4A4A58

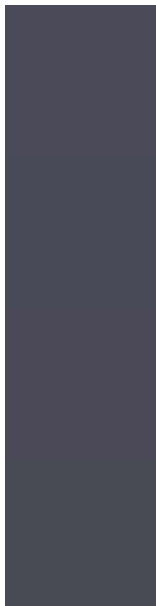
Protanopia
484A58

Deuteranopia
4C4958



Tritanopia
494B51

Trichromacy



Original Color

4A4A58

Protanomaly

494A58

Deuteranomaly

4B4958

Tritanomaly

494B54

Monochromacy



Original Color

4A4A58

Achromatopsia

4C4C4C

Achromatomaly

4B4B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4A58 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 #4A4A58 looks like.

```
.text, #text, p{  
    color:#4A4A58  
}
```

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 #4A4A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4A58
}
```

Border

The CSS property to change the border of an element to Hex 4A4A58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

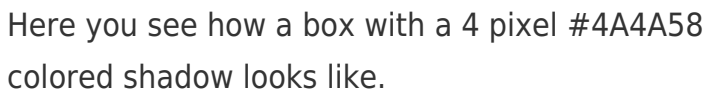
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4A58 }
```

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

```
.border{ border-color:#4A4A58 }
```

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



Here you see how a box with a 4 pixel #4A4A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4A58; -webkit-box-shadow:4px 4px  
4px 4px #4A4A58; box-shadow:4px 4px 4px  
4px #4A4A58 }
```

Background

The CSS property to change the background color of an element to Hex 4A4A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4A58 }
```

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

```
.background{ background-color:#4A4A58 }
```

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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