

# Converting Colors

Hex(4A4958)

Have a look what the booklet for  
Hex(4A4958) contains.

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# Color

Hex(4A4958)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A4958
RGB	74, 73, 88
RGB Percent	29%, 29%, 35%
CMY	0.7098, 0.7137, 0.6549
CMYK	0.16, 0.17, 0.00, 0.65
HSL	244°, 9%, 32%
HSV	244°, 17%, 35%
XYZ	6.9680, 6.9255, 10.2020
YIQ	75.0090, -4.2190, 4.8770

# Conversions

## Conversions Part 2

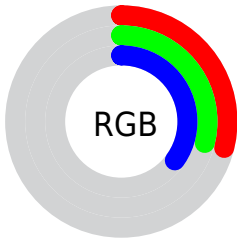
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 73, 88
Decimal	4868440
CIE Lab	31.64, 3.93, -8.71
CIE LCh	32, 9.554, 294.310
Yxy	6.9255, 0.2892, 0.2874
Android (android.graphics.Color)	4283058520 (0xFF4A4958)
YUV	75.0090, 6.4046, -0.8849
Hunter-Lab	26.3164, 1.2095, -4.5634

# Details

The Hex color **4A4958** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **575849**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7B7A8A**, and **1E1E2B** is the 20% darker color. If you saturate the color by 10%, you get **424058**, and if you desaturate by 10%, it is **525258**.

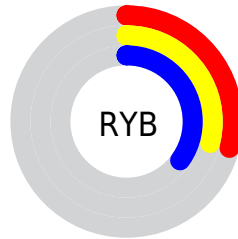
# Distribution



Red (29%)

Green (29%)

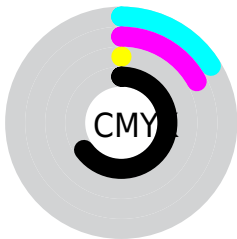
Blue (35%)



Red (29%)

Yellow (29%)

Blue (35%)

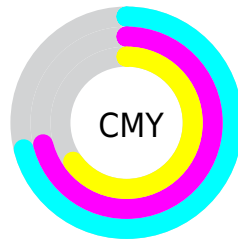


Cyan (16%)

Magenta (17%)

Yellow (0%)

Black (65%)



Cyan (71%)

Magenta (71%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A4958 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 4A4958 by changing the saturation by 10% instead.





4A4958



4A4958

FFFFFF



333341



7B7A8A



1E1E2B



9593A4



060417



AFAEBF



000000



CBC9DB



E7E5F8



4A4958



4A4958



424058



525258



3A3758



5A5B58

■ 312F58

■ 636358

■ 292658

■ 6B6C58

■ 211D58

■ 737558

■ 191458

■ 7B7E58

■ 110B58

■ 838758

■ 080358

■ 8C8F58

■ 060058

■ 949858

# Harmonies

## Analogous

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



404C59



4A4958



534753

# Triad

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



4A4958



58473F



3A4F49

# Complementary

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



4A4958



575849

# 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.



414E42



4A4958



52493C

# Square

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



4A4958



5A4545



4A4C3D



374F50

# Rectangle

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



4A4958



57464F



4A4C3D



3C4E46



# Sweetspot

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



4A4958



6D6D73



495758



37373B



BABABA



3B3B3B



# Same Dimension

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



4A4958



5D5C73



524958



27272B



07006B



1000EB



# Inverse Universe

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



584957



735C71



4F5849



2B272B



6B0064



EB00DB



# Previews

## White Background



This preview shows how the Hex color 4A4958 looks on a white background.

## Color Contrast Check

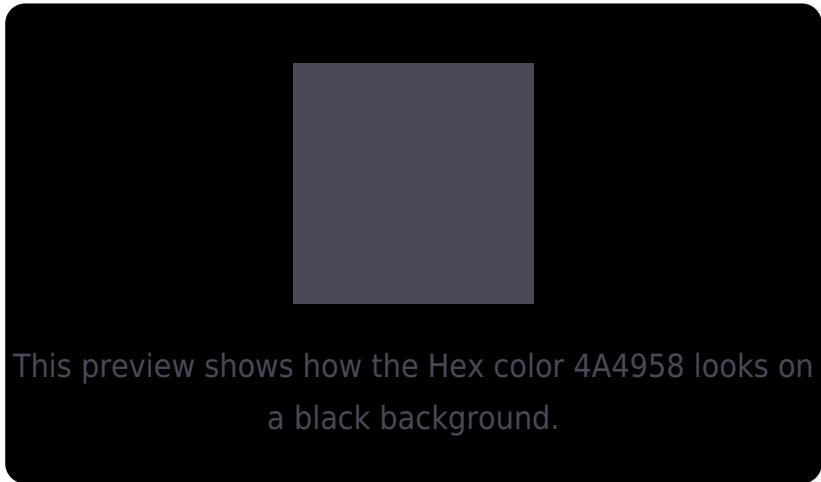
Large Text (above 18pt) WCAG AA ✓ Pass

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

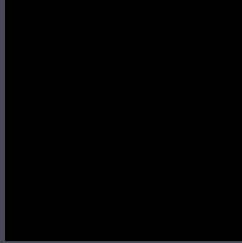
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A4958 Background



This preview shows how black text looks on a background with the Hex color 4A4958.



This preview shows how white text looks on a background with the Hex color 4A4958.

# 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](#).

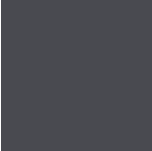
## Dichromacy



**Original Color**  
4A4958

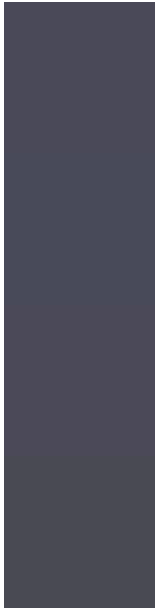
**Protanopia**  
474A59

**Deuteranopia**  
4B4958



**Tritanopia**  
494A50

# Trichromacy



**Original Color**

4A4958

**Protanomaly**

484A59

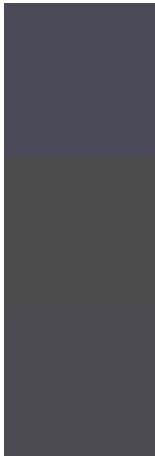
**Deuteranomaly**

4B4958

**Tritanomaly**

494A53

# Monochromacy



**Original Color**

4A4958

**Achromatopsia**

4B4B4B

**Achromatomaly**

4B4A50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A4958 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 #4A4958 looks like.

```
.text, #text, p{  
    color:#4A4958  
}
```

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 #4A4958 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4958
}
```

## Border

The CSS property to change the border of an element to Hex 4A4958 is called "border". The border property can be set on classes, ids or directly on the HTML element.

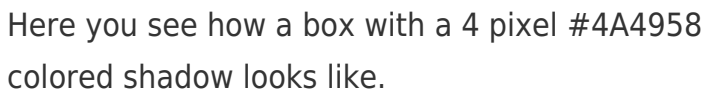
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4958 }
```

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

```
.border{ border-color:#4A4958 }
```

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



Here you see how a box with a 4 pixel #4A4958 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4958; -webkit-box-shadow:4px 4px  
4px 4px #4A4958; box-shadow:4px 4px 4px  
4px #4A4958 }
```

# Background

The CSS property to change the background color of an element to Hex 4A4958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4958 }
```

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

```
.background{ background-color:#4A4958 }
```

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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