

# Converting Colors

Hex(4A3758)

Have a look what the booklet for  
Hex(4A3758) contains.

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# Color

**Hex(4A3758)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A3758
RGB	74, 55, 88
RGB Percent	29%, 22%, 35%
CMY	0.7098, 0.7843, 0.6549
CMYK	0.16, 0.37, 0.00, 0.65
HSL	275°, 23%, 28%
HSV	275°, 37%, 35%
XYZ	5.9517, 4.8928, 9.8632
YIQ	64.4430, 0.7310, 14.2910

# Conversions

## Conversions Part 2

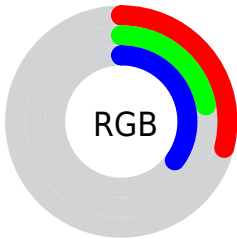
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 55, 88
Decimal	4863832
CIE <sub>Lab</sub>	26.43, 15.67, -16.67
CIE <sub>LCh</sub>	26, 22.883, 313.234
Yxy	4.8928, 0.2874, 0.2363
Android (android.graphics.Color)	4283053912 (0xFF4A3758)
YUV	64.4430, 11.6136, 8.3815
Hunter-Lab	22.1197, 9.3190, -10.9538

# Details

The Hex color **4A3758** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **455837**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7B668A**, and **1D0D2A** is the 20% darker color. If you saturate the color by 10%, you get **462E58**, and if you desaturate by 10%, it is **4E4058**.

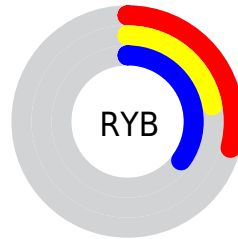
# Distribution



Red (29%)

Green (22%)

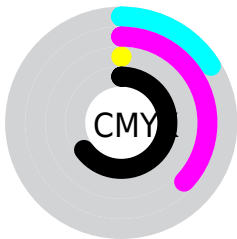
Blue (35%)



Red (29%)

Yellow (22%)

Blue (35%)

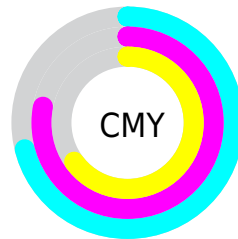


Cyan (16%)

Magenta (37%)

Yellow (0%)

Black (65%)



Cyan (71%)

Magenta (78%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A3758 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 4A3758 by changing the saturation by 10% instead.



■ 4A3758

■ 4A3758

FFFFFF

■ 332141

■ 7B668A

■ 1D0D2A

■ 957FA4

■ 000116

■ B099C0

■ 000000

■ CCB4DB

■ E8D0F8

■ FFECFF

■ 4A3758

■ 4A3758

■ 462E58

■ 4E4058

■ 432558

■ 514958

■ 3F1D58

■ 555158

■ 3B1458

■ 595A58

■ 370B58

■ 5D6358

■ 340258

■ 606C58

■ 330058

■ 647558

■ 687D58

■ 6C8658

# Harmonies

## Analogous

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



303E60



4A3758



5A3249

# Triad

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



4A3758



513A1D



004846

# Complementary

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



4A3758



455837

# 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.



154734



4A3758



42401C

# Square

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



4A3758



5C3427



2E4424



004656

# Rectangle

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



4A3758



5F303D



2E4424



004840



# Sweetspot

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



4A3758



6D6673



374558



37333B



BABABA



3B3B3B



# Same Dimension

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



4A3758



5D3F73



583756



2A272B



3E006B



8700EB



# Inverse Universe

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



583745



733F55



375839



2B2729



6B002D



EB0064



# Previews

## White Background



This preview shows how the Hex color 4A3758 looks on a white background.

## Color Contrast Check

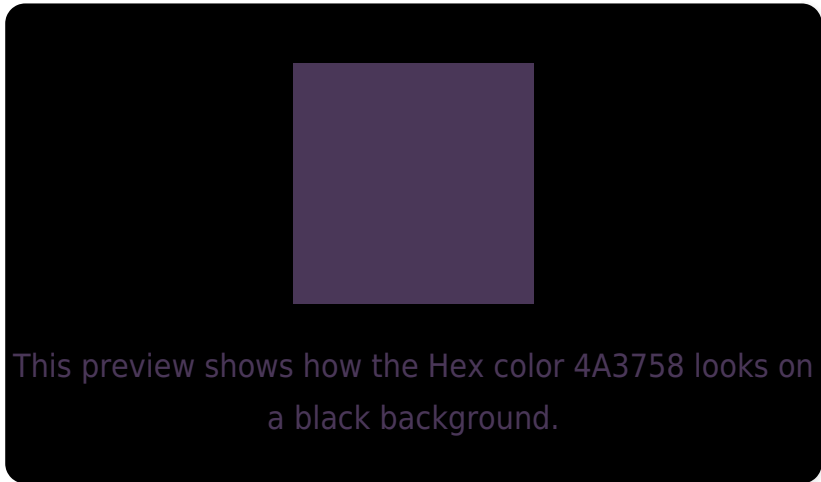
Large Text (above 18pt) WCAG AA ✓ Pass

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

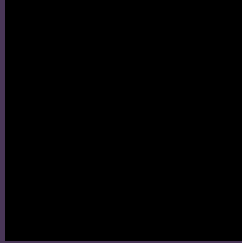
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A3758 Background



This preview shows how black text looks on a background with the Hex color 4A3758.

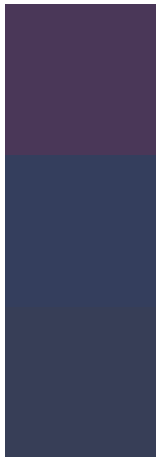


This preview shows how white text looks on a background with the Hex color 4A3758.

# 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**  
4A3758

**Protanopia**  
343E5D

**Deuteranopia**  
373E57



**Tritanopia**  
463C41

# Trichromacy



**Original Color**  
4A3758

**Protanomaly**  
3C3B5B

**Deuteranomaly**  
3E3B57

**Tritanomaly**  
473A49

# Monochromacy



**Original Color**  
4A3758

**Achromatopsia**  
404040

**Achromatomaly**  
443D49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A3758 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 #4A3758 looks like.

```
.text, #text, p{  
    color:#4A3758  
}
```

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 #4A3758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3758
}
```

## Border

The CSS property to change the border of an element to Hex 4A3758 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
#4A3758 }
```

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

```
.border{ border-color:#4A3758 }
```

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

Here you see how a box with a 4 pixel #4A3758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3758; -webkit-box-shadow:4px 4px  
4px 4px #4A3758; box-shadow:4px 4px 4px  
4px #4A3758 }
```

# Background

The CSS property to change the background color of an element to Hex 4A3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3758 }
```

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

```
.background{ background-color:#4A3758 }
```

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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