

# Converting Colors

Hex(4A446B)

Have a look what the booklet for  
Hex(4A446B) contains.

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# Color

**Hex(4A446B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A446B
RGB	74, 68, 107
RGB Percent	29%, 27%, 42%
CMY	0.7098, 0.7333, 0.5804
CMYK	0.31, 0.36, 0.00, 0.58
HSL	249°, 22%, 34%
HSV	249°, 36%, 42%
XYZ	7.5450, 6.6516, 14.7961
YIQ	74.2400, -8.9430, 13.4010

# Conversions

## Conversions Part 2

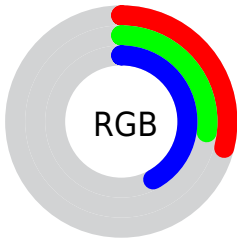
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 68, 107
Decimal	4867179
CIE <sub>Lab</sub>	31.00, 12.30, -21.79
CIE <sub>LCh</sub>	31, 25.020, 299.445
Yxy	6.6516, 0.2602, 0.2294
Android (android.graphics.Color)	4283057259 (0xFF4A446B)
YUV	74.2400, 16.1507, -0.2105
Hunter-Lab	25.7907, 7.0858, -15.9611

# Details

The Hex color **4A446B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **656B44**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7C749F**, and **1C193B** is the 20% darker color. If you saturate the color by 10%, you get **41396B**, and if you desaturate by 10%, it is **534F6B**.

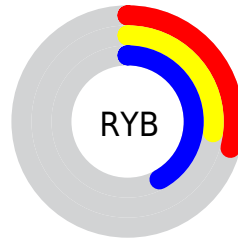
# Distribution



Red (29%)

Green (27%)

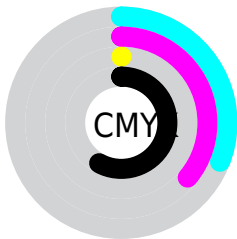
Blue (42%)



Red (29%)

Yellow (27%)

Blue (42%)

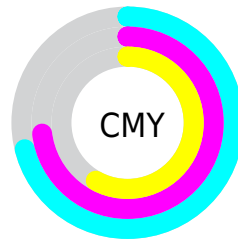


Cyan (31%)

Magenta (36%)

Yellow (0%)

Black (58%)



Cyan (71%)

Magenta (73%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A446B 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 4A446B by changing the saturation by 10% instead.





4A446B



4A446B

FFFFFF



322E53



7C749F



1C193B



968EBA



080026



B1A8D5



00010F



CDC3F2



000000



E9DFFF



FFFCFF



4A446B



4A446B



41396B



534F6B

■ 382F6B

■ 5C596B

■ 2F246B

■ 65646B

■ 26196B

■ 6E6F6B

■ 1D0E6B

■ 777A6B

■ 14046B

■ 80846B

■ 10006B

■ 898F6B

■ 929A6B

■ 9BA46B

# Harmonies

## Analogous

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



284B70



4A446B



613D5D

# Triad

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



4A446B



654128



005348

# Complementary

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



4A446B



656B44

# 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.



295134



4A446B



554821

# Square

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



4A446B



6D3B37



414D26



00535C

# Rectangle

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



4A446B



6A3A51



414D26



135341



# Sweetspot

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



4A446B



7F7D8C



44656B



403E47



C7C7C7



474747



# Same Dimension

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



4A446B



584F8C



5D446B



313036



120075



2600F5



# Inverse Universe

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



6B4465



8C4F83



526B44



363035



750063



F500CF



# Previews

## White Background



This preview shows how the Hex color 4A446B looks on a white background.

## Color Contrast Check

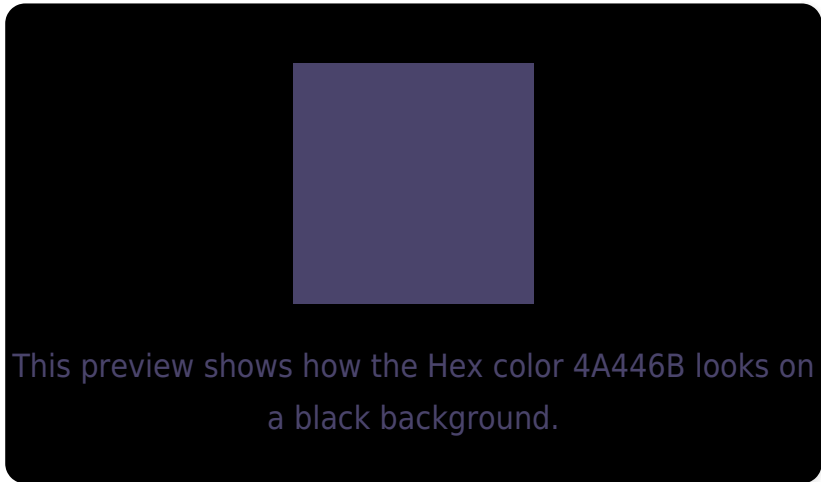
Large Text (above 18pt) WCAG AA ✓ Pass

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

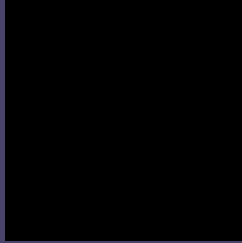
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A446B Background



This preview shows how black text looks on a background with the Hex color 4A446B.

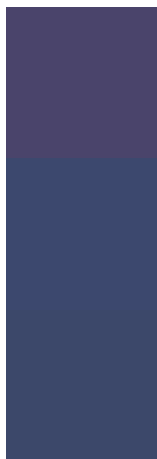


This preview shows how white text looks on a background with the Hex color 4A446B.

# 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**

4A446B

**Protanopia**

3C486E

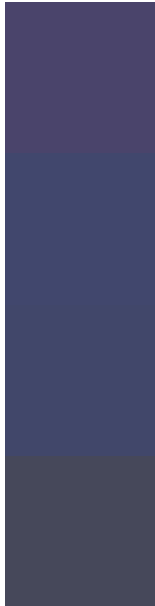
**Deuteranopia**

3C486A



**Tritanopia**  
444A50

# Trichromacy



**Original Color**

4A446B

**Protanomaly**

41476D

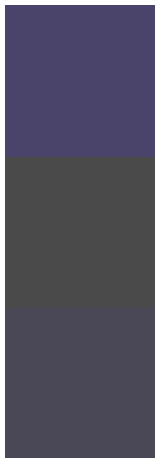
**Deuteranomaly**

41476A

**Tritanomaly**

46485A

# Monochromacy



**Original Color**

4A446B

**Achromatopsia**

4A4A4A

**Achromatomaly**

4A4856

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A446B 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 #4A446B looks like.

```
.text, #text, p{  
    color:#4A446B  
}
```

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 #4A446B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A446B
}
```

## Border

The CSS property to change the border of an element to Hex 4A446B 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
#4A446B }
```

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

```
.border{ border-color:#4A446B }
```

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

Here you see how a box with a 4 pixel #4A446B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A446B; -webkit-box-shadow:4px 4px  
4px 4px #4A446B; box-shadow:4px 4px 4px  
4px #4A446B }
```

# Background

The CSS property to change the background color of an element to Hex 4A446B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A446B }
```

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

```
.background{ background-color:#4A446B }
```

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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