

Converting Colors

Hex(4B3C72)

Have a look what the booklet for
Hex(4B3C72) contains.

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Color

Hex(4B3C72)

Conversions

Conversions Part 1

Format	Color
Hex	4B3C72
RGB	75, 60, 114
RGB Percent	29%, 24%, 45%
CMY	0.7059, 0.7647, 0.5529
CMYK	0.34, 0.47, 0.00, 0.55
HSL	257°, 31%, 34%
HSV	257°, 47%, 45%
XYZ	7.5548, 5.9425, 16.6684
YIQ	70.6410, -8.3940, 19.9740

Conversions

Conversions Part 2

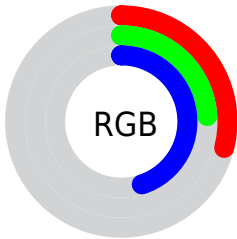
Format	Color
R_{YB}	75, 60, 114
Decimal	4930674
CIE _{Lab}	29.27, 19.86, -28.94
CIE _{LCh}	29, 35.104, 304.462
Yxy	5.9425, 0.2504, 0.1970
Android (android.graphics.Color)	4283120754 (0xFF4B3C72)
YUV	70.6410, 21.3760, 3.8228
Hunter-Lab	24.3772, 12.6591, -23.4767

Details

The Hex color **4B3C72** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **63723C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7E6CA6**, and **1B1141** is the 20% darker color. If you saturate the color by 10%, you get **433172**, and if you desaturate by 10%, it is **534772**.

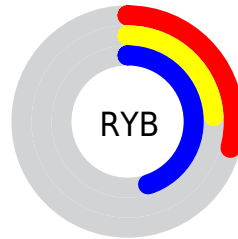
Distribution



Red (29%)

Green (24%)

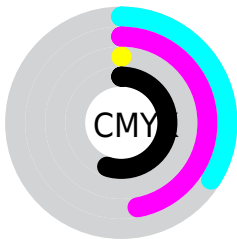
Blue (45%)



Red (29%)

Yellow (24%)

Blue (45%)

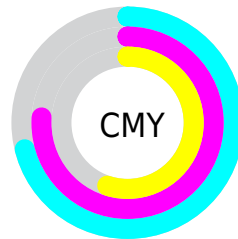


Cyan (34%)

Magenta (47%)

Yellow (0%)

Black (55%)



Cyan (71%)

Magenta (76%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3C72 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 4B3C72 by changing the saturation by 10% instead.



4B3C72



4B3C72

FFFFFF



332659



7E6CA6



1B1141



9885C2



06002B



B39FDE



000115



CFBAFA



000000



ECD6FF



FFF2FF



4B3C72



4B3C72



433172



534772

■ 3B2572

■ 5B5372

■ 321A72

■ 645E72

■ 2A0E72

■ 6C6A72

■ 220372

■ 747572

■ 200072

■ 7C8072

■ 858C72

■ 8D9772

■ 95A372

Harmonies

Analogous

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



05477B



4B3C72



69305D

Triad

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



4B3C72



653B12



005248

Complementary

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



4B3C72



63723C

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.



00502C



4B3C72



4F4508

Square

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



4B3C72



733028



334C14



005163

Rectangle

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



4B3C72



732C4B



334C14



00523F

Sweetspot

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



4B3C72



857F94



3C6472



413D4A



C9C9C9



4A4A4A

Same Dimension

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



4B3C72



574094



653C72



343238



210078



4500F7

Inverse Universe

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



723C63



94407C



49723C



383237



780057



F700B3

Previews

White Background



This preview shows how the Hex color 4B3C72 looks on a white background.

Color Contrast Check

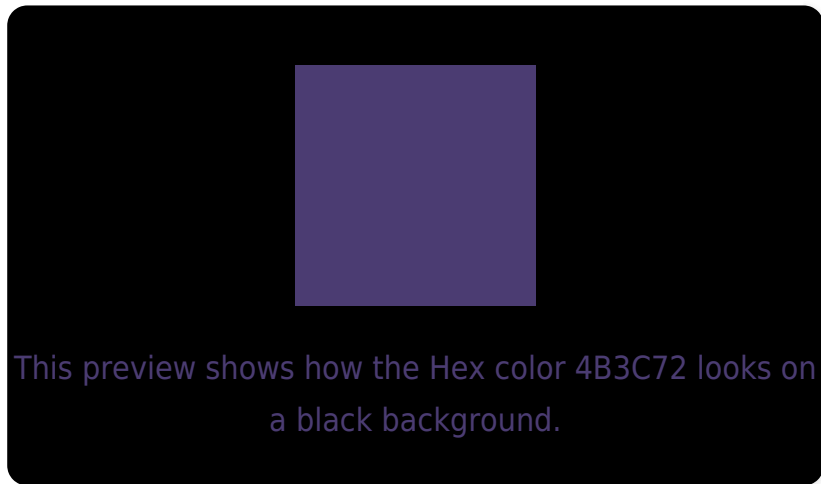
Large Text (above 18pt) WCAG AA ✓ Pass

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

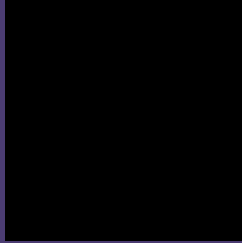
Any Text WCAG AA × Fail

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 4B3C72 Background



This preview shows how black text looks on a background with the Hex color 4B3C72.



This preview shows how white text looks on a background with the Hex color 4B3C72.

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





Tritanopia
43454B

Trichromacy



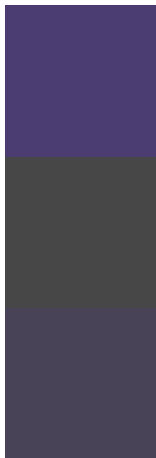
Original Color
4B3C72

Protanomaly
384076

Deuteranomaly
374271

Tritanomaly
464259

Monochromacy



Original Color
4B3C72

Achromatopsia
474747

Achromatomaly
484357

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3C72 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 #4B3C72 looks like.

```
.text, #text, p{  
    color:#4B3C72  
}
```

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 #4B3C72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3C72
}
```

Border

The CSS property to change the border of an element to Hex 4B3C72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

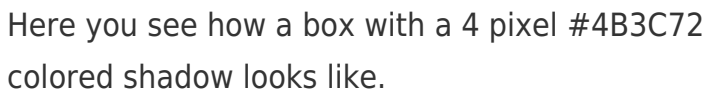
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B3C72 }
```

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

```
.border{ border-color:#4B3C72 }
```

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



Here you see how a box with a 4 pixel #4B3C72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3C72; -webkit-box-shadow:4px 4px  
4px 4px #4B3C72; box-shadow:4px 4px 4px  
4px #4B3C72 }
```

Background

The CSS property to change the background color of an element to Hex 4B3C72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3C72 }
```

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

```
.background{ background-color:#4B3C72 }
```

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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