

Converting Colors

Hex(4B3C83)

Have a look what the booklet for
Hex(4B3C83) contains.

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Color

Hex(4B3C83)

Conversions

Conversions Part 1

Format	Color
Hex	4B3C83
RGB	75, 60, 131
RGB Percent	29%, 24%, 51%
CMY	0.7059, 0.7647, 0.4863
CMYK	0.43, 0.54, 0.00, 0.49
HSL	253°, 37%, 37%
HSV	253°, 54%, 51%
XYZ	8.6142, 6.3663, 22.2475
YIQ	72.5790, -13.8510, 25.2610

Conversions

Conversions Part 2

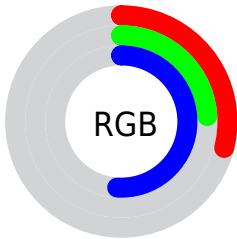
Format	Color
R_{YB}	75, 60, 131
Decimal	4930691
CIE _{Lab}	30.32, 24.95, -37.94
CIE _{LCh}	30, 45.405, 303.325
Yxy	6.3663, 0.2314, 0.1710
Android (android.graphics.Color)	4283120771 (0xFF4B3C83)
YUV	72.5790, 28.8016, 2.1232
Hunter-Lab	25.2315, 16.7864, -34.6162

Details

The Hex color **4B3C83** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74833C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7F6CB9**, and **161151** is the 20% darker color. If you saturate the color by 10%, you get **412F83**, and if you desaturate by 10%, it is **554983**.

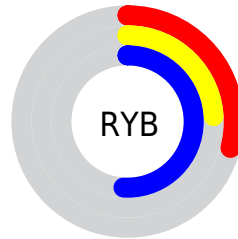
Distribution



Red (29%)

Green (24%)

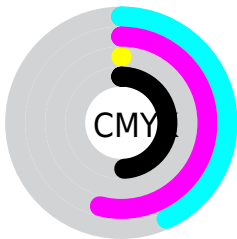
Blue (51%)



Red (29%)

Yellow (24%)

Blue (51%)

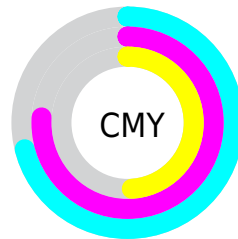


Cyan (43%)

Magenta (54%)

Yellow (0%)

Black (49%)



Cyan (71%)

Magenta (76%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3C83 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 4B3C83 by changing the saturation by 10% instead.

■ 4B3C83

■ 4B3C83

FFFFFF

■ 312669

■ 7F6CB9

■ 161151

■ 9A85D4

■ 02003A

■ B69FF1

■ 000223

■ D2BAFF

■ 00000A

■ EFD6FF

■ 000000

■ FFF3FF

■ 4B3C83

■ 4B3C83

■ 412F83

■ 554983

■ 362283

■ 605683

■ 2C1583

■ 6A6383

■ 220883

■ 747083

■ 1C0083

■ 7F7E83

■ 898B83

■ 939883

■ 9EA583

■ A8B283

Harmonies

Analogous

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



004B8F



4B3C83



742A68

Triad

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



4B3C83



703901



00574A

Complementary

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



4B3C83



74833C

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.



005526



4B3C83



544700

Square

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



4B3C83



812823



2F5000



00576D

Rectangle

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



4B3C83



822151



2F5000



00573E

Sweetspot

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



4B3C83



9590AB



3C7583



4A4657



D6D6D6



575757

Same Dimension

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



4B3C83



533CAB



6E3C83



3D3C42



1B0082



010003

Inverse Universe

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



833C74



AB3C93



51833C



423C41



820067



030002

Previews

White Background



This preview shows how the Hex color 4B3C83 looks on a white background.

Color Contrast Check

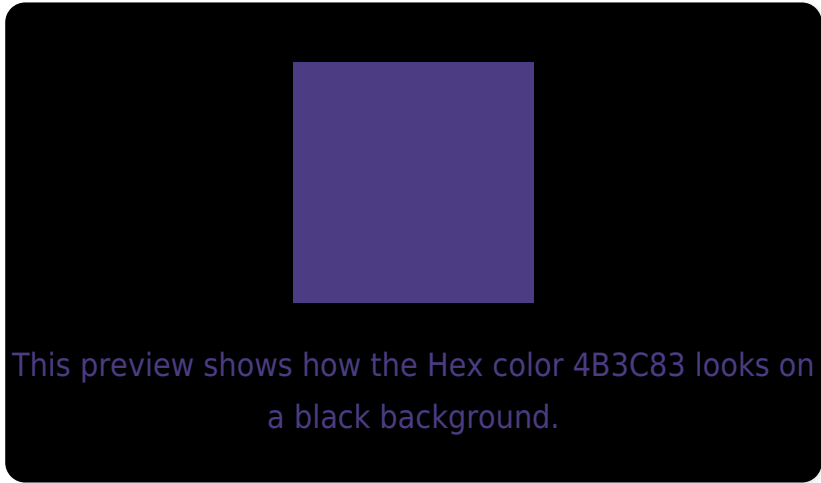
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B3C83 Background



This preview shows how black text looks on a background with the Hex color 4B3C83.




This preview shows how white text looks on a background with the Hex color 4B3C83.

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
3E494F

Trichromacy



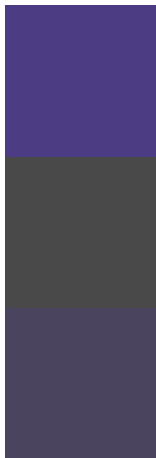
Original Color
4B3C83

Protanomaly
2C4289

Deuteranomaly
254481

Tritanomaly
434462

Monochromacy



Original Color
4B3C83

Achromatopsia
494949

Achromatomaly
4A445E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3C83 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 #4B3C83 looks like.

```
.text, #text, p{  
    color:#4B3C83  
}
```

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 #4B3C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3C83
}
```

Border

The CSS property to change the border of an element to Hex 4B3C83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

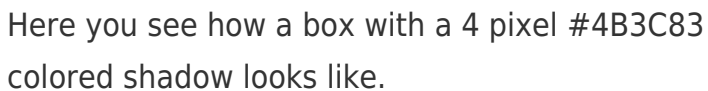
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B3C83 }
```

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

```
.border{ border-color:#4B3C83 }
```

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



Here you see how a box with a 4 pixel #4B3C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3C83; -webkit-box-shadow:4px 4px  
4px 4px #4B3C83; box-shadow:4px 4px 4px  
4px #4B3C83 }
```

Background

The CSS property to change the background color of an element to Hex 4B3C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3C83 }
```

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

```
.background{ background-color:#4B3C83 }
```

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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