

# Converting Colors

Hex(4B3D82)

Have a look what the booklet for  
Hex(4B3D82) contains.

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# Color

Hex(4B3D82)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B3D82
RGB	75, 61, 130
RGB Percent	29%, 24%, 51%
CMY	0.7059, 0.7608, 0.4902
CMYK	0.42, 0.53, 0.00, 0.49
HSL	252°, 36%, 37%
HSV	252°, 53%, 51%
XYZ	8.5997, 6.4450, 21.9099
YIQ	73.0520, -13.8050, 24.4270

# Conversions

## Conversions Part 2

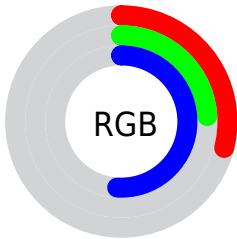
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 61, 130
Decimal	4930946
CIE <sub>Lab</sub>	30.51, 24.00, -37.01
CIE <sub>LCh</sub>	31, 44.111, 302.959
Yxy	6.4450, 0.2327, 0.1744
Android (android.graphics.Color)	4283121026 (0xFF4B3D82)
YUV	73.0520, 28.0754, 1.7084
Hunter-Lab	25.3871, 16.0379, -33.3982

# Details

The Hex color **4B3D82** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74823D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7F6DB7**, and **171250** is the 20% darker color. If you saturate the color by 10%, you get **413082**, and if you desaturate by 10%, it is **55A82**.

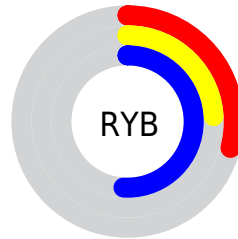
# Distribution



Red (29%)

Green (24%)

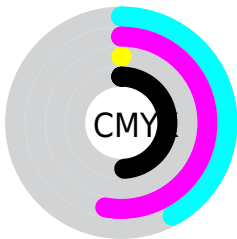
Blue (51%)



Red (29%)

Yellow (24%)

Blue (51%)

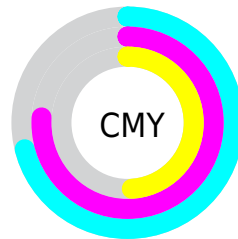


Cyan (42%)

Magenta (53%)

Yellow (0%)

Black (49%)



Cyan (71%)

Magenta (76%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B3D82 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 4B3D82 by changing the saturation by 10% instead.



■ 4B3D82

■ 4B3D82

FFFFFF

■ 312769

■ 7F6DB7

■ 171250

■ 9A86D3

■ 030039

■ B6A0F0

■ 000222

■ D2BCFF

■ 000008

■ EFD7FF

■ 000000

■ FFF4FF

■ 4B3D82

■ 4B3D82

■ 413082

■ 554A82

■ 362382

■ 605782

■ 2C1682

■ 6A6482

■ 220982

■ 747182

■ 1A0082

■ 7F7E82

■ 898B82

■ 949882

■ 9EA582

■ A8B282

# Harmonies

## Analogous

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



004B8D



4B3D82



732C68

# Triad

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



4B3D82



703A04



00574A

# Complementary

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



4B3D82



74823D

# 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.



005527



4B3D82



554700

# Square

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



4B3D82



812A24



315002



00576C

# Rectangle

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



4B3D82



802351



315002



00573E



# Sweetspot

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



4B3D82



938DA8



3D7482



474454



D4D4D4



545454



# Same Dimension

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



4B3D82



523DA8



6D3D82



3B3940



1A0080



000000



# Inverse Universe

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



823D74



A83D92



52823D



40393E



800066



000000



# Previews

## White Background



This preview shows how the Hex color 4B3D82 looks on a white background.

## Color Contrast Check

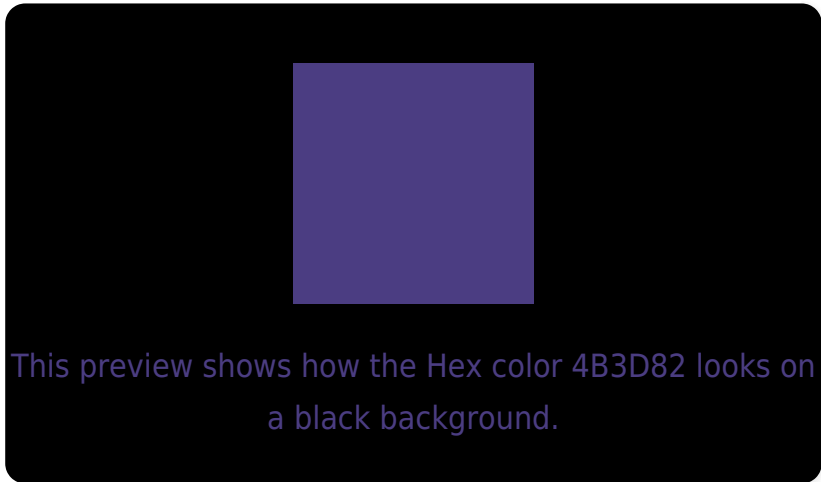
Large Text (above 18pt) WCAG AA ✓ Pass

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

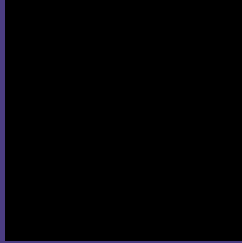
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B3D82 Background



This preview shows how black text looks on a background with the Hex color 4B3D82.

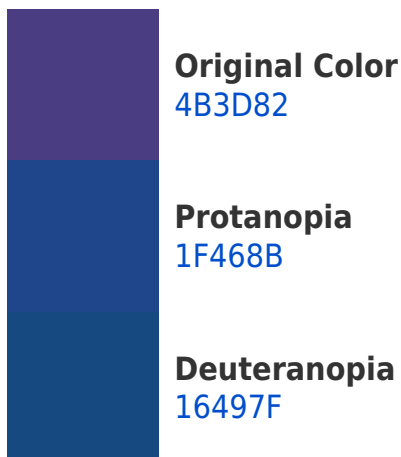



This preview shows how white text looks on a background with the Hex color 4B3D82.

# 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



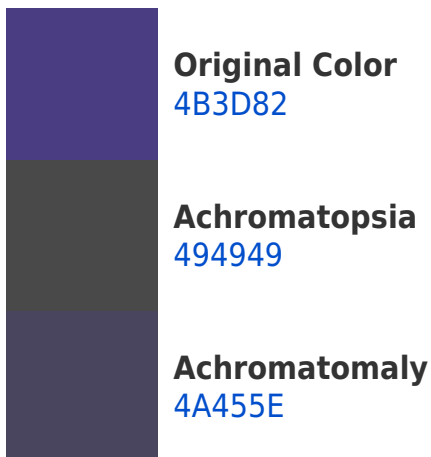


**Tritanopia**  
3F4A50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B3D82 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 #4B3D82 looks like.

```
.text, #text, p{  
    color:#4B3D82  
}
```

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 #4B3D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3D82
}
```

## Border

The CSS property to change the border of an element to Hex 4B3D82 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
#4B3D82 }
```

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

```
.border{ border-color:#4B3D82 }
```

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

Here you see how a box with a 4 pixel #4B3D82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3D82; -webkit-box-shadow:4px 4px  
4px 4px #4B3D82; box-shadow:4px 4px 4px  
4px #4B3D82 }
```

# Background

The CSS property to change the background color of an element to Hex 4B3D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3D82 }
```

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

```
.background{ background-color:#4B3D82 }
```

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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