

Converting Colors

Hex(4B3F93)

Have a look what the booklet for
Hex(4B3F93) contains.

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Color

Hex(4B3F93)

Conversions

Conversions Part 1

Format	Color
Hex	4B3F93
RGB	75, 63, 147
RGB Percent	29%, 25%, 58%
CMY	0.7059, 0.7529, 0.4235
CMYK	0.49, 0.57, 0.00, 0.42
HSL	249°, 40%, 41%
HSV	249°, 57%, 58%
XYZ	9.9456, 7.1575, 28.4611
YIQ	76.1640, -19.8120, 28.6680

Conversions

Conversions Part 2

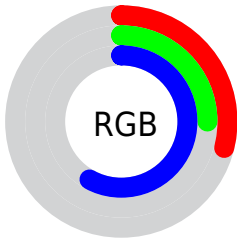
Format	Color
R_{YB}	75, 63, 147
Decimal	4931475
CIE _{Lab}	32.16, 28.02, -44.84
CIE _{LCh}	32, 52.871, 301.998
Yxy	7.1575, 0.2183, 0.1571
Android (android.graphics.Color)	4283121555 (0xFF4B3F93)
YUV	76.1640, 34.9221, -1.0208
Hunter-Lab	26.7534, 19.5391, -44.3471

Details

The Hex color **4B3F93** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **87933F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **816FCA**, and **0F145F** is the 20% darker color. If you saturate the color by 10%, you get **3E3093**, and if you desaturate by 10%, it is **584E93**.

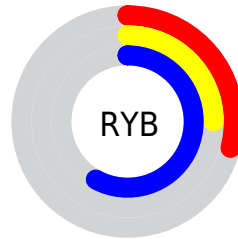
Distribution



Red (29%)

Green (25%)

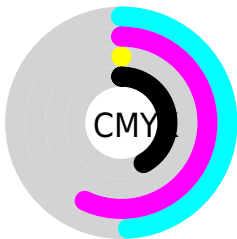
Blue (58%)



Red (29%)

Yellow (25%)

Blue (58%)

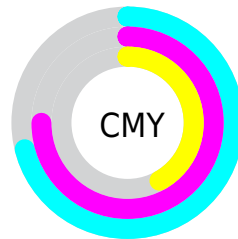


Cyan (49%)

Magenta (57%)

Yellow (0%)

Black (42%)



Cyan (71%)

Magenta (75%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3F93 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 4B3F93 by changing the saturation by 10% instead.

■ 4B3F93

■ 4B3F93

FFFFFF

■ 302979

■ 816FCA

■ 0F145F

■ 9C89E6

■ 000047

■ B8A3FF

■ 000430

■ D5BEFF

■ 00011A

■ F2DAFF

■ 000000

■ FFF7FF

■ 4B3F93

■ 4B3F93

■ 3E3093

■ 584E93

■ 322293

■ 645C93

■ 251393

■ 716B93

■ 190493

■ 7D7A93

■ 150093

■ 8A8993

■ 979793

■ A3A693

■ B0B593

■ BCC393

Harmonies

Analogous

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



0050A0



4B3F93



7E2773

Triad

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



4B3F93



7A3A00



005D4D

Complementary

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



4B3F93



87933F

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.



005B21



4B3F93



5B4B00

Square

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



4B3F93



8F2322



2F5500



005D77

Rectangle

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



4B3F93



8F1859



2F5500



005D3F

Sweetspot

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



4B3F93



A39FBF



3F8893



504E61



E0E0E0



616161

Same Dimension

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



4B3F93



4E3BBF



743F93



44434A



14008A



01000A

Inverse Universe

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



933F87



BF3BAC



5E933F



4A4349



8A0076



0A0009

Previews

White Background



This preview shows how the Hex color 4B3F93 looks on a white background.

Color Contrast Check

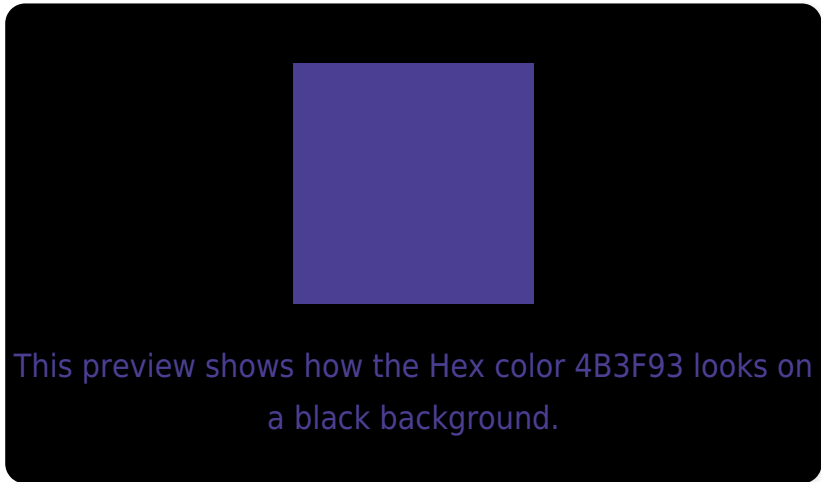
Large Text (above 18pt) WCAG AA ✓ Pass

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

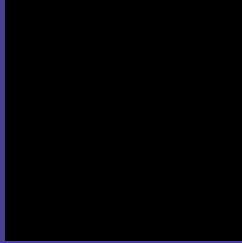
Any Text WCAG AA × Fail

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 4B3F93 Background



This preview shows how black text looks on a background with the Hex color 4B3F93.

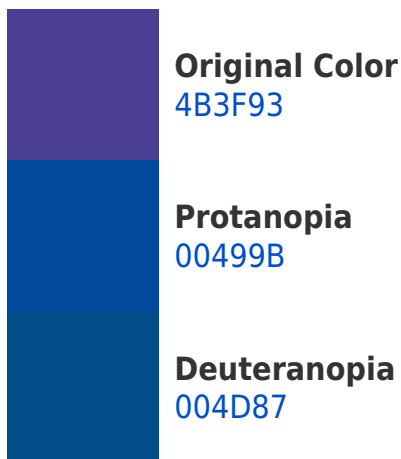


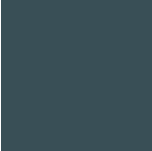
This preview shows how white text looks on a background with the Hex color 4B3F93.

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](#).

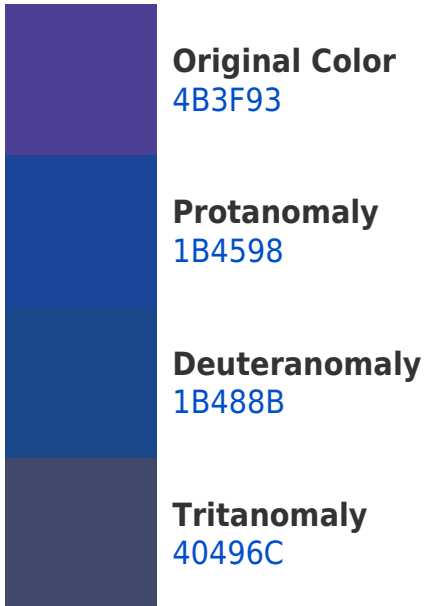
Dichromacy





Tritanopia
394F56

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3F93 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 #4B3F93 looks like.

```
.text, #text, p{  
    color:#4B3F93  
}
```

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 #4B3F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3F93
}
```

Border

The CSS property to change the border of an element to Hex 4B3F93 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
#4B3F93 }
```

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

```
.border{ border-color:#4B3F93 }
```

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

Here you see how a box with a 4 pixel #4B3F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3F93; -webkit-box-shadow:4px 4px  
4px 4px #4B3F93; box-shadow:4px 4px 4px  
4px #4B3F93 }
```

Background

The CSS property to change the background color of an element to Hex 4B3F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3F93 }
```

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

```
.background{ background-color:#4B3F93 }
```

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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