

Converting Colors

Hex(4B3686)

Have a look what the booklet for
Hex(4B3686) contains.

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Color

Hex(4B3686)

Conversions

Conversions Part 1

Format	Color
Hex	4B3686
RGB	75, 54, 134
RGB Percent	29%, 21%, 53%
CMY	0.7059, 0.7882, 0.4745
CMYK	0.44, 0.60, 0.00, 0.47
HSL	256°, 43%, 37%
HSV	256°, 60%, 53%
XYZ	8.5239, 5.8554, 23.2352
YIQ	69.3990, -13.1640, 29.3320

Conversions

Conversions Part 2

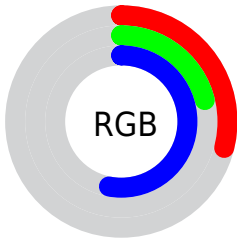
Format	Color
RYB	75, 54, 134
Decimal	4929158
CIELab	29.04, 29.65, -41.85
CIELCh	29, 51.289, 305.312
Yxy	5.8554, 0.2266, 0.1557
Android (android.graphics.Color)	4283119238 (0xFF4B3686)
YUV	69.3990, 31.8483, 4.9121
Hunter-Lab	24.1980, 20.5313, -39.9924

Details

The Hex color **4B3686** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **718636**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8066BC**, and **140A53** is the 20% darker color. If you saturate the color by 10%, you get **412986**, and if you desaturate by 10%, it is **554386**.

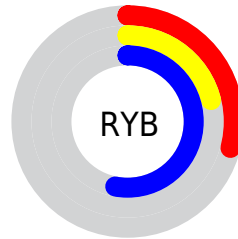
Distribution



Red (29%)

Green (21%)

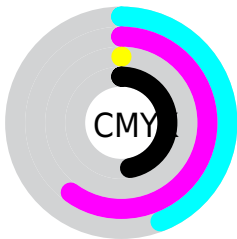
Blue (53%)



Red (29%)

Yellow (21%)

Blue (53%)

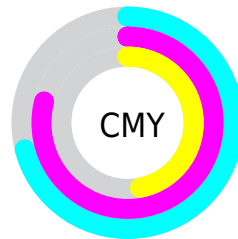


Cyan (44%)

Magenta (60%)

Yellow (0%)

Black (47%)



Cyan (71%)

Magenta (79%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4B3686 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 4B3686 by changing the saturation by 10% instead.

 4B3686

 4B3686

FFFFFF

 31206C

 8066BC

 140A53

 9B7FD8

 00003C

 B799F5

 000225

 D3B4FF

 00010E

 F0D0FF

 000000

 FFECFF

 4B3686

 4B3686

 412986

 554386

■ 371B86

■ 5F5186

■ 2D0E86

■ 695E86

■ 230086

■ 736C86

■ 7C7986

■ 868686

■ 909486

■ 9AA186

■ A4AF86

Harmonies

Analogous

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



004894



4B3686



781D66

Triad

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



4B3686



6E3500



00554B

Complementary

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



4B3686



718636

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.



005321



4B3686



4F4500

Square

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



4B3686



831F19



234F00



005572

Rectangle

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



4B3686



850E4C



234F00



00553D

Sweetspot

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



4B3686



968EAD



367286



494457



D6D6D6



575757

Same Dimension

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



4B3686



5131AD



723686



3D3C42



220082



010003

Inverse Universe

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



863671



AD318D



4A8636



423C41



820060



030002

Previews

White Background



This preview shows how the Hex color 4B3686 looks on a white background.

Color Contrast Check

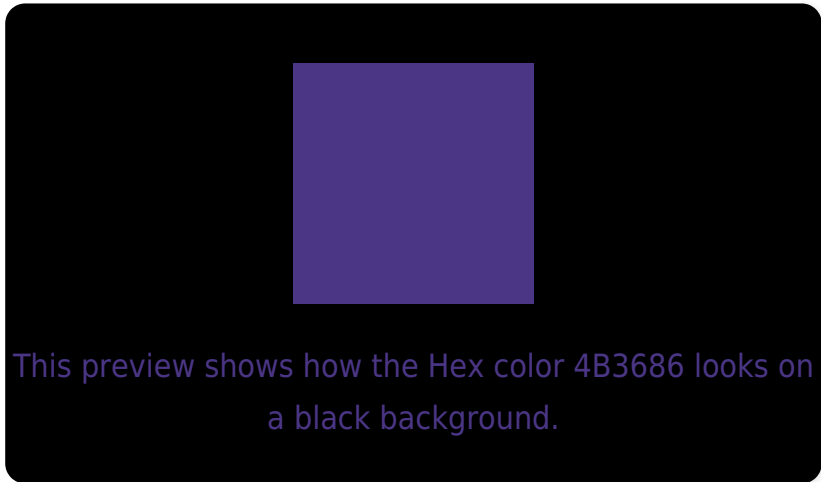
Large Text (above 18pt) WCAG AA ✓ Pass

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

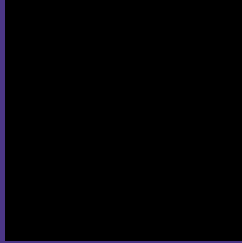
Any Text WCAG AA × Fail

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 4B3686 Background



This preview shows how black text looks on a background with the Hex color 4B3686.



This preview shows how white text looks on a background with the Hex color 4B3686.

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](#).

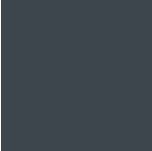
Dichromacy



Original Color
4B3686

Protanopia
00428D

Deuteranopia
00467B



Tritanopia
3C464C

Trichromacy



Original Color
4B3686

Protanomaly
1B3E8A

Deuteranomaly
1B407F

Tritanomaly
414061

Monochromacy



Original Color
4B3686

Achromatopsia
454545

Achromatomaly
47405D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3686 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 #4B3686 looks like.

```
.text, #text, p{  
    color:#4B3686  
}
```

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 #4B3686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3686
}
```

Border

The CSS property to change the border of an element to Hex 4B3686 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".

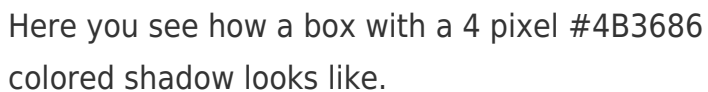
```
.border, #border, table{ border:4px solid
#4B3686 }
```

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

```
.border{ border-color:#4B3686 }
```

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

Here you see how a box with a 4 pixel #4B3686 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3686; -webkit-box-shadow:4px 4px  
4px 4px #4B3686; box-shadow:4px 4px 4px  
4px #4B3686 }
```

Background

The CSS property to change the background color of an element to Hex 4B3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3686 }
```

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

```
.background{ background-color:#4B3686 }
```

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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