

Converting Colors

Hex(4A3496)

Have a look what the booklet for
Hex(4A3496) contains.

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Color

Hex(4A3496)

Conversions

Conversions Part 1

Format	Color
Hex	4A3496
RGB	74, 52, 150
RGB Percent	29%, 20%, 59%
CMY	0.7098, 0.7961, 0.4118
CMYK	0.51, 0.65, 0.00, 0.41
HSL	253°, 49%, 40%
HSV	253°, 65%, 59%
XYZ	9.5571, 6.1138, 29.5305
YIQ	69.7500, -18.3460, 35.1420

Conversions

Conversions Part 2

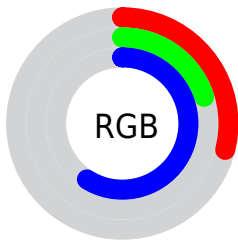
Format	Color
R_{YB}	74, 52, 150
Decimal	4863126
CIE _{Lab}	29.70, 35.53, -50.67
CIE _{LCh}	30, 61.886, 305.039
Yxy	6.1138, 0.2114, 0.1353
Android (android.graphics.Color)	4283053206 (0xFF4A3496)
YUV	69.7500, 39.5632, 3.7273
Hunter-Lab	24.7262, 25.7222, -53.5019

Details

The Hex color **4A3496** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **809634**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8164CD**, and **080762** is the 20% darker color. If you saturate the color by 10%, you get **3E2596**, and if you desaturate by 10%, it is **564396**.

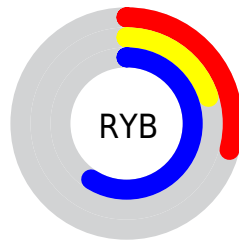
Distribution



Red (29%)

Green (20%)

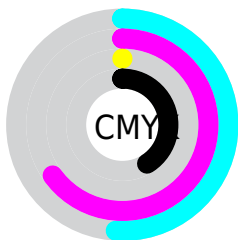
Blue (59%)



Red (29%)

Yellow (20%)

Blue (59%)

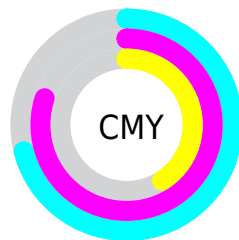


Cyan (51%)

Magenta (65%)

Yellow (0%)

Black (41%)



Cyan (71%)

Magenta (80%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A3496 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 4A3496 by changing the saturation by 10% instead.

■ 4A3496

■ 4A3496

FFFFFF

■ 2D1D7C

■ 8164CD

■ 080762

■ 9D7DEA

■ 00004A

■ B997FF

■ 000432

■ D6B2FF

■ 00021C

■ F3CEFF

■ 000000

■ FFEAFF

■ 4A3496

■ 4A3496

■ 3E2596

■ 564396

■ 331696

■ 615296

■ 270796

■ 6D6196

■ 220096

■ 797096

■ 847F96

■ 908E96

■ 9B9D96

■ A7AC96

■ B3BB96

Harmonies

Analogous

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



004AA8



4A3496



83066F

Triad

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



4A3496



763300



00594D

Complementary

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



4A3496



809634

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.



005719



4A3496



4F4700

Square

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



4A3496



8F0B11



195200



00597D

Rectangle

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



4A3496



930050



195200



00583C

Sweetspot

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



4A3496



A49BC2



348196



4F4A61



E0E0E0



616161

Same Dimension

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



4A3496



4D2BC2



7A3496



44434A



1F008A



02000A

Inverse Universe

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



963480



C22BA0



509634



4A4348



8A006B



0A0008

Previews

White Background



This preview shows how the Hex color 4A3496 looks on a white background.

Color Contrast Check

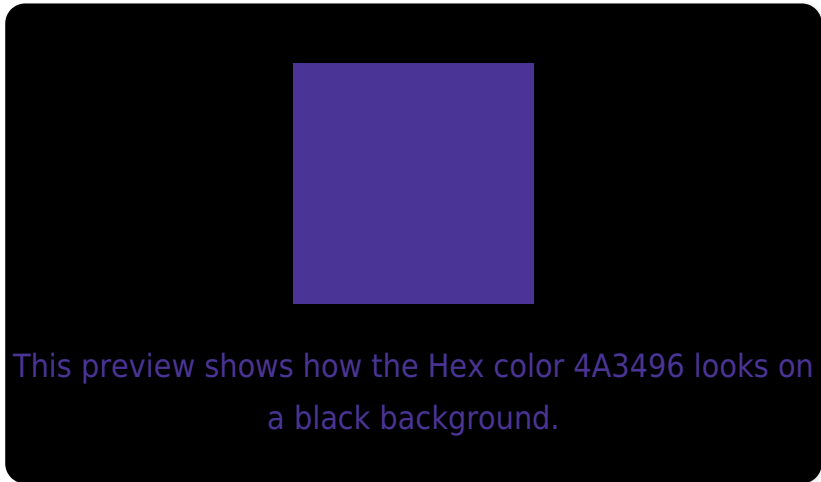
Large Text (above 18pt) WCAG AA ✓ Pass

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

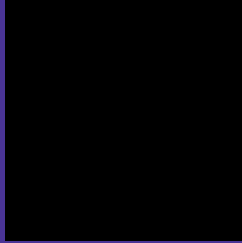
Any Text WCAG AA × Fail

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 4A3496 Background



This preview shows how black text looks on a background with the Hex color 4A3496.



This preview shows how white text looks on a background with the Hex color 4A3496.

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
4A3496

Deuteranopia
00487C

Tritanopia
354A4F

Trichromacy



Original Color
4A3496

Deuteranomaly
1B4185

Tritanomaly
3D4269

Monochromacy



Original Color
4A3496

Achromatopsia
464646

Achromatomaly
473F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A3496 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 #4A3496 looks like.

```
.text, #text, p{  
    color:#4A3496  
}
```

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 #4A3496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3496
}
```

Border

The CSS property to change the border of an element to Hex 4A3496 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".

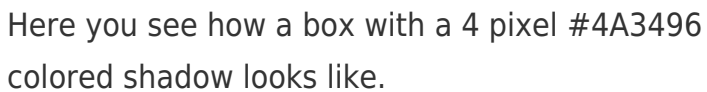
```
.border, #border, table{ border:4px solid
#4A3496 }
```

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

```
.border{ border-color:#4A3496 }
```

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

Here you see how a box with a 4 pixel #4A3496 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3496; -webkit-box-shadow:4px 4px  
4px 4px #4A3496; box-shadow:4px 4px 4px  
4px #4A3496 }
```

Background

The CSS property to change the background color of an element to Hex 4A3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3496 }
```

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

```
.background{ background-color:#4A3496 }
```

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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