

Converting Colors

Hex(4A3587)

Have a look what the booklet for
Hex(4A3587) contains.

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Color

Hex(4A3587)

Conversions

Conversions Part 1

Format	Color
Hex	4A3587
RGB	74, 53, 135
RGB Percent	29%, 21%, 53%
CMY	0.7098, 0.7922, 0.4706
CMYK	0.45, 0.61, 0.00, 0.47
HSL	255°, 44%, 37%
HSV	255°, 61%, 53%
XYZ	8.4703, 5.7513, 23.5854
YIQ	68.6270, -13.8060, 29.9540

Conversions

Conversions Part 2

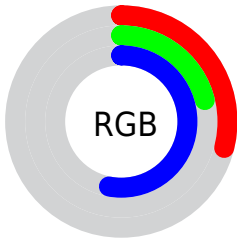
Format	Color
R_{YB}	74, 53, 135
Decimal	4863367
CIE _{Lab}	28.78, 30.33, -42.91
CIE _{LCh}	29, 52.552, 305.256
Yxy	5.7513, 0.2240, 0.1521
Android (android.graphics.Color)	4283053447 (0xFF4A3587)
YUV	68.6270, 32.7219, 4.7121
Hunter-Lab	23.9819, 21.0771, -41.5222

Details

The Hex color **4A3587** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **728735**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7F65BD**, and **120954** is the 20% darker color. If you saturate the color by 10%, you get **402887**, and if you desaturate by 10%, it is **544387**.

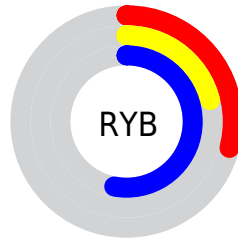
Distribution



Red (29%)

Green (21%)

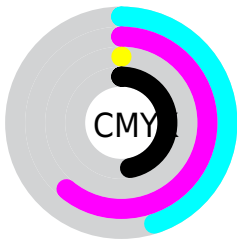
Blue (53%)



Red (29%)

Yellow (21%)

Blue (53%)

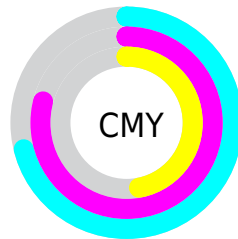


Cyan (45%)

Magenta (61%)

Yellow (0%)

Black (47%)



Cyan (71%)

Magenta (79%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A3587 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 4A3587 by changing the saturation by 10% instead.

■ 4A3587

■ 4A3587

FFFFFF

■ 2F1F6D

■ 7F65BD

■ 120954

■ 9A7ED9

■ 00003D

■ B698F6

■ 000226

■ D3B3FF

■ 00010F

■ F0CFFF

■ 000000

■ FFE8FF

■ 4A3587

■ 4A3587

■ 402887

■ 544387

■ 361A87

■ 5E5087

■ 2C0D87

■ 685E87

■ 230087

■ 726B87

■ 7C7987

■ 868687

■ 909487

■ 9AA187

■ A4AF87

Harmonies

Analogous

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



004796



4A3587



781A67

Triad

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



4A3587



6E3400



00554A

Complementary

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



4A3587



728735

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.



00531F



4A3587



4E4500

Square

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



4A3587



831C17



214E00



005572

Rectangle

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



4A3587



86074C



214E00



00543C

Sweetspot

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



4A3587



9890B0



357387



4B4659



D9D9D9



595959

Same Dimension

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



4A3587



5030B0



733587



3D3C42



210082



010003

Inverse Universe

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



873572



B0308F



4A8735



423C41



820061



030002

Previews

White Background



This preview shows how the Hex color 4A3587 looks on a white background.

Color Contrast Check

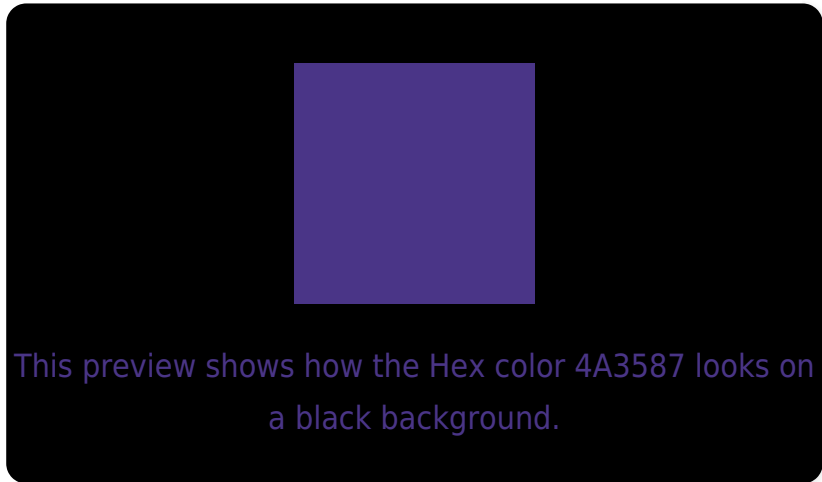
Large Text (above 18pt) WCAG AA ✓ Pass

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

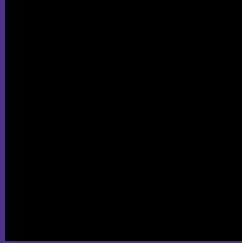
Any Text WCAG AA × Fail

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 4A3587 Background



This preview shows how black text looks on a background with the Hex color 4A3587.



This preview shows how white text looks on a background with the Hex color 4A3587.

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
4A3587

Protanopia
00428B

Deuteranopia
004679



Tritanopia
3B464B

Trichromacy



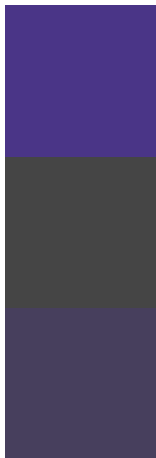
Original Color
4A3587

Protanomaly
1B3D8A

Deuteranomaly
1B407E

Tritanomaly
404061

Monochromacy



Original Color
4A3587

Achromatopsia
454545

Achromatomaly
473F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A3587 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 #4A3587 looks like.

```
.text, #text, p{  
    color:#4A3587  
}
```

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 #4A3587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3587
}
```

Border

The CSS property to change the border of an element to Hex 4A3587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

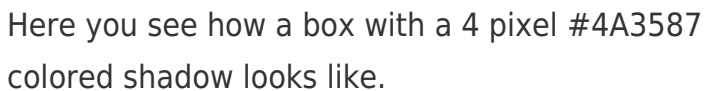
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A3587 }
```

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

```
.border{ border-color:#4A3587 }
```

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



Here you see how a box with a 4 pixel #4A3587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3587; -webkit-box-shadow:4px 4px  
4px 4px #4A3587; box-shadow:4px 4px 4px  
4px #4A3587 }
```

Background

The CSS property to change the background color of an element to Hex 4A3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3587 }
```

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

```
.background{ background-color:#4A3587 }
```

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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