

Converting Colors

Hex(423A99)

Have a look what the booklet for
Hex(423A99) contains.

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Color

Hex(423A99)

Conversions

Conversions Part 1

Format	Color
Hex	423A99
RGB	66, 58, 153
RGB Percent	26%, 23%, 60%
CMY	0.7412, 0.7725, 0.4000
CMYK	0.57, 0.62, 0.00, 0.40
HSL	245°, 45%, 41%
HSV	245°, 62%, 60%
XYZ	9.5096, 6.4843, 30.8874
YIQ	71.2220, -25.7270, 31.2410

Conversions

Conversions Part 2

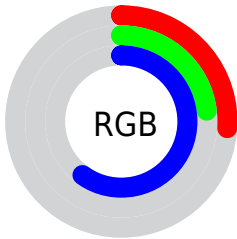
Format	Color
R_{YB}	66, 58, 153
Decimal	4340377
CIE _{Lab}	30.60, 31.25, -51.06
CIE _{LCh}	31, 59.864, 301.462
Yxy	6.4843, 0.2028, 0.1383
Android (android.graphics.Color)	4282530457 (0xFF423A99)
YUV	71.2220, 40.3166, -4.5797
Hunter-Lab	25.4642, 22.0982, -54.0921

Details

The Hex color **423A99** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **91993A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7A6AD0**, and **000F65** is the 20% darker color. If you saturate the color by 10%, you get **342B99**, and if you desaturate by 10%, it is **504999**.

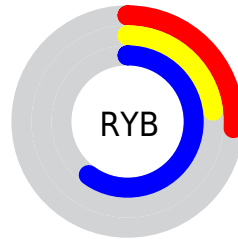
Distribution



Red (26%)

Green (23%)

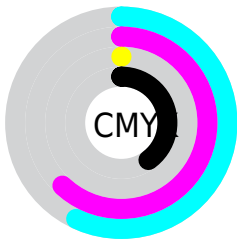
Blue (60%)



Red (26%)

Yellow (23%)

Blue (60%)

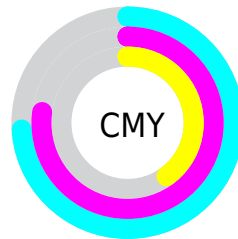


Cyan (57%)

Magenta (62%)

Yellow (0%)

Black (40%)



Cyan (74%)

Magenta (77%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 423A99 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 423A99 by changing the saturation by 10% instead.

■ 423A99

■ 423A99

FFFFFF

■ 23247F

■ 7A6AD0

■ 000F65

■ 9683ED

■ 00004C

■ B29DFF

■ 000535

■ CFB8FF

■ 00021E

■ ECD4FF

■ 000001

■ FFF0FF

■ 000000

■ 423A99

■ 423A99

■ 342B99

■ 504999

■ 261B99

■ 5E5999

■ 180C99

■ 6C6899

■ 0D0099

■ 7A7799

■ 888799

■ 969699

■ A4A599

■ B2B499

■ C0C499

Harmonies

Analogous

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



004EA7



423A99



7F1876

Triad

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



423A99



7B3300



005B49

Complementary

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



423A99



91993A

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.



005816



423A99



574700

Square

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



423A99



920E1A



275300



005B78

Rectangle

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



423A99



920058



275300



005A39

Sweetspot

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



423A99



A4A1C7



3A9199



4F4D63



E3E3E3



636363

Same Dimension

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



423A99



3E32C7



713A99



45454D



0C008C



01000D

Inverse Universe

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



993A91



C732BA



62993A



4D454C



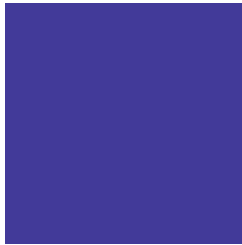
8C0080



0D000C

Previews

White Background



This preview shows how the Hex color 423A99 looks on a white background.

Color Contrast Check

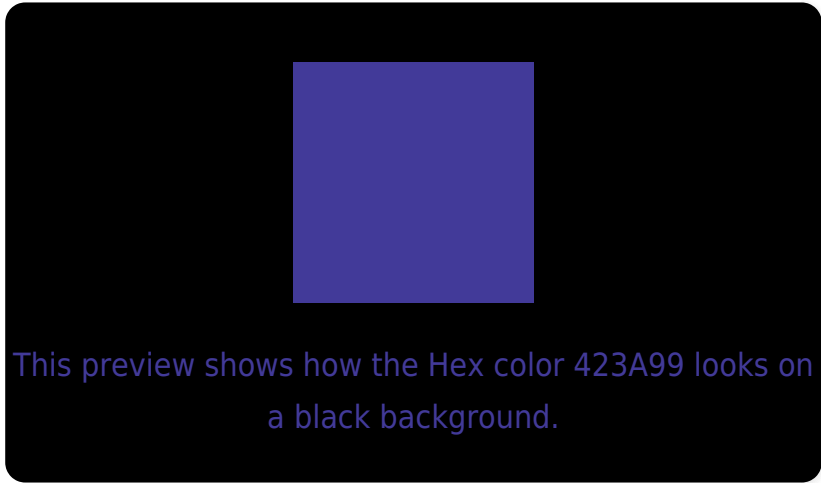
Large Text (above 18pt) WCAG AA ✓ Pass

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

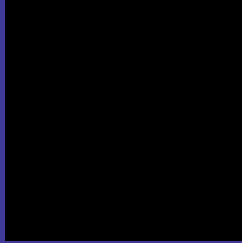
Any Text WCAG AA × Fail

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 423A99 Background



This preview shows how black text looks on a background with the Hex color 423A99.



This preview shows how white text looks on a background with the Hex color 423A99.

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](#).

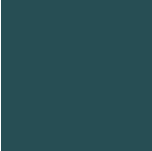
Dichromacy



Original Color
423A99

Protanopia
004593

Deuteranopia
004A7F



Tritanopia
274E54

Trichromacy



Original Color
423A99

Protanomaly
184195

Deuteranomaly
184488

Tritanomaly
31476D

Monochromacy



Original Color
423A99

Achromatopsia
474747

Achromatomaly
454265

CSS Examples

Text

The CSS property to change the color of the text to Hex 423A99 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 #423A99 looks like.

```
.text, #text, p{  
    color:#423A99  
}
```

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 #423A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #423A99
}
```

Border

The CSS property to change the border of an element to Hex 423A99 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
#423A99 }
```

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

```
.border{ border-color:#423A99 }
```

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

Here you see how a box with a 4 pixel #423A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #423A99; -webkit-box-shadow:4px 4px  
4px 4px #423A99; box-shadow:4px 4px 4px  
4px #423A99 }
```

Background

The CSS property to change the background color of an element to Hex 423A99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#423A99 }
```

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

```
.background{ background-color:#423A99 }
```

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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