

Converting Colors

Hex(423D82)

Have a look what the booklet for
Hex(423D82) contains.

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Color

Hex(423D82)

Conversions

Conversions Part 1

Format	Color
Hex	423D82
RGB	66, 61, 130
RGB Percent	26%, 24%, 51%
CMY	0.7412, 0.7608, 0.4902
CMYK	0.49, 0.53, 0.00, 0.49
HSL	244°, 36%, 37%
HSV	244°, 53%, 51%
XYZ	7.9448, 6.1074, 21.8792
YIQ	70.3610, -19.1690, 22.5190

Conversions

Conversions Part 2

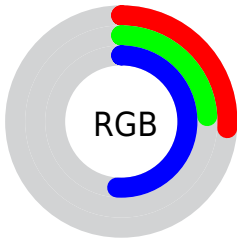
Format	Color
R _{YB}	66, 61, 130
Decimal	4341122
CIE Lab	29.68, 21.71, -38.38
CIE LCh	30, 44.098, 299.496
Yxy	6.1074, 0.2211, 0.1700
Android (android.graphics.Color)	4282531202 (0xFF423D82)
YUV	70.3610, 29.4020, -3.8246
Hunter-Lab	24.7132, 14.1357, -35.1916

Details

The Hex color **423D82** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7D823D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **766DB8**, and **071350** is the 20% darker color. If you saturate the color by 10%, you get **363082**, and if you desaturate by 10%, it is **4E4A82**.

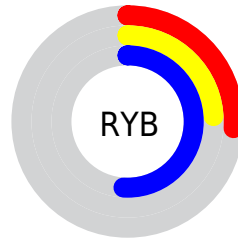
Distribution



Red (26%)

Green (24%)

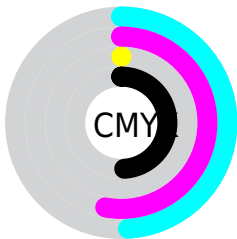
Blue (51%)



Red (26%)

Yellow (24%)

Blue (51%)

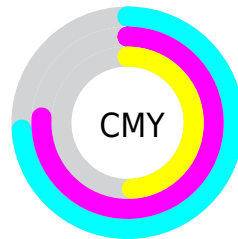


Cyan (49%)

Magenta (53%)

Yellow (0%)

Black (49%)



Cyan (74%)

Magenta (76%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 423D82 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 423D82 by changing the saturation by 10% instead.

■ 423D82

■ 423D82

FFFFFF

■ 282768

■ 766DB8

■ 071350

■ 9186D3

■ 000039

■ ADA0F0

■ 000222

■ C9BBFF

■ 000008

■ E6D7FF

■ 000000

■ FFF3FF

■ 423D82

■ 423D82

■ 363082

■ 4E4A82

■ 2A2382

■ 5A5782

■ 1E1682

■ 666482

■ 120982

■ 727182

■ 090082

■ 7E7E82

■ 8A8B82

■ 969882

■ A2A582

■ AFB282

Harmonies

Analogous

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



004A8B



423D82



6E2C69

Triad

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



423D82



703606



005544

Complementary

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



423D82



7D823D

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



423D82



564400

Square

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



423D82



802626



344E00



005567

Rectangle

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



423D82



7D2253



344E00



005538

Sweetspot

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



423D82



8F8DA8



3D7D82



454454



D4D4D4



545454

Same Dimension

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



423D82



443DA8



643D82



3A3940



090080



000000

Inverse Universe

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



823D7D



A83DA0



5B823D



40393F



800076



000000

Previews

White Background



This preview shows how the Hex color 423D82 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

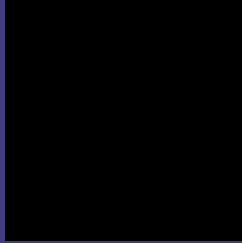
Any Text WCAG AA × Fail

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 423D82 Background



This preview shows how black text looks on a background with the Hex color 423D82.



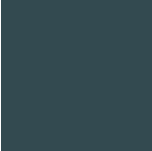
This preview shows how white text looks on a background with the Hex color 423D82.

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
334A50

Trichromacy



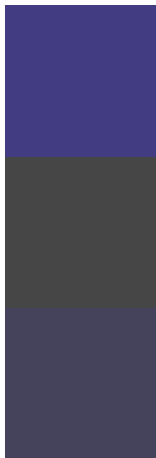
Original Color
423D82

Protanomaly
294186

Deuteranomaly
18437F

Tritanomaly
384562

Monochromacy



Original Color
423D82

Achromatopsia
464646

Achromatomaly
45435C

CSS Examples

Text

The CSS property to change the color of the text to Hex 423D82 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 #423D82 looks like.

```
.text, #text, p{  
    color:#423D82  
}
```

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 #423D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #423D82
}
```

Border

The CSS property to change the border of an element to Hex 423D82 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
#423D82 }
```

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

```
.border{ border-color:#423D82 }
```

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

Here you see how a box with a 4 pixel #423D82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #423D82; -webkit-box-shadow:4px 4px  
4px 4px #423D82; box-shadow:4px 4px 4px  
4px #423D82 }
```

Background

The CSS property to change the background color of an element to Hex 423D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#423D82 }
```

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

```
.background{ background-color:#423D82 }
```

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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