

Converting Colors

Hex(422D96)

Have a look what the booklet for
Hex(422D96) contains.

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Color

Hex(422D96)

Conversions

Conversions Part 1

Format	Color
Hex	422D96
RGB	66, 45, 150
RGB Percent	26%, 18%, 59%
CMY	0.7412, 0.8235, 0.4118
CMYK	0.56, 0.70, 0.00, 0.41
HSL	252°, 54%, 38%
HSV	252°, 70%, 59%
XYZ	8.6902, 5.2370, 29.4070
YIQ	63.2490, -21.1890, 37.1070

Conversions

Conversions Part 2

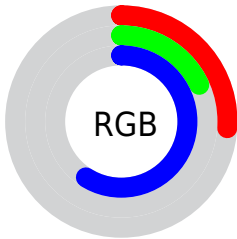
Format	Color
R_{YB}	66, 45, 150
Decimal	4337046
CIE _{Lab}	27.40, 38.18, -54.45
CIE _{LCh}	27, 66.505, 305.040
Yxy	5.2370, 0.2005, 0.1209
Android (android.graphics.Color)	4282527126 (0xFF422D96)
YUV	63.2490, 42.7682, 2.4126
Hunter-Lab	22.8846, 27.7355, -60.1693

Details

The Hex color **422D96** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **81962D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7A5DCD**, and **000162** is the 20% darker color. If you saturate the color by 10%, you get **361E96**, and if you desaturate by 10%, it is **4E3C96**.

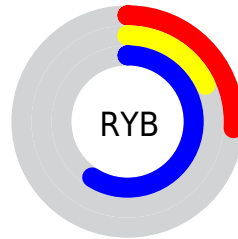
Distribution



Red (26%)

Green (18%)

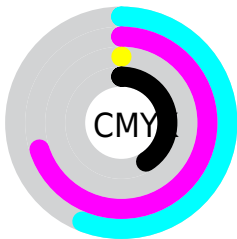
Blue (59%)



Red (26%)

Yellow (18%)

Blue (59%)

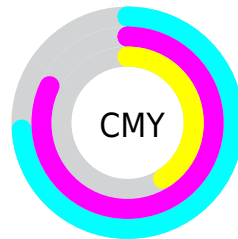


Cyan (56%)

Magenta (70%)

Yellow (0%)

Black (41%)



Cyan (74%)

Magenta (82%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 422D96 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 422D96 by changing the saturation by 10% instead.

■ 422D96

■ 422D96

FFFFFF

■ 23167C

■ 7A5DCD

■ 000162

■ 9676EA

■ 000049

■ B390FF

■ 000432

■ D0ABFF

■ 00011C

■ EDC6FF

■ 000000

■ FFE2FF

■ 422D96

■ 422D96

■ 361E96

■ 4E3C96

■ 2A0F96

■ 5A4B96

■ 1E0096

■ 665A96

■ 726996

■ 7E7896

■ 8A8796

■ 969696

■ A2A596

■ AEB496

Harmonies

Analogous

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



0046A9



422D96



81006D

Triad

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



422D96



712C00



005448

Complementary

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



422D96



81962D

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.



00520F



422D96



494200

Square

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



422D96



8C0007



034D00



00547B

Rectangle

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



422D96



91004C



034D00



005336

Sweetspot

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



422D96



A199C2



2D8196



4E4961



E0E0E0



616161

Same Dimension

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



422D96



401FC2



772D96



44434A



1C008A



02000A

Inverse Universe

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



962D81



C21FA1



4D962D



4A4348



8A006E



0A0008

Previews

White Background



This preview shows how the Hex color 422D96 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

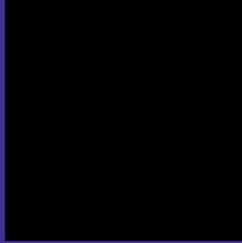
Any Text WCAG AA × Fail

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 422D96 Background



This preview shows how black text looks on a background with the Hex color 422D96.



This preview shows how white text looks on a background with the Hex color 422D96.

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
422D96

Protanopia
003F84

Deuteranopia
004372



Tritanopia
26464B

Trichromacy



Original Color
422D96

Protanomaly
18388B

Deuteranomaly
183B7F

Tritanomaly
303D66

Monochromacy



Original Color
422D96

Achromatopsia
3F3F3F

Achromatomaly
40385F

CSS Examples

Text

The CSS property to change the color of the text to Hex 422D96 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 #422D96 looks like.

```
.text, #text, p{  
    color:#422D96  
}
```

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 #422D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422D96
}
```

Border

The CSS property to change the border of an element to Hex 422D96 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".

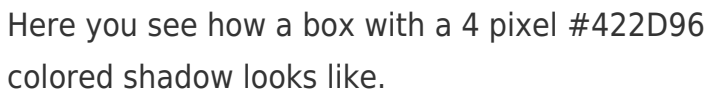
```
.border, #border, table{ border:4px solid
#422D96 }
```

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

```
.border{ border-color:#422D96 }
```

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

Here you see how a box with a 4 pixel #422D96 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422D96; -webkit-box-shadow:4px 4px  
4px 4px #422D96; box-shadow:4px 4px 4px  
4px #422D96 }
```

Background

The CSS property to change the background color of an element to Hex 422D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422D96 }
```

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

```
.background{ background-color:#422D96 }
```

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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