

# Converting Colors

Hex(422B8D)

Have a look what the booklet for  
Hex(422B8D) contains.

<b>Hex(422B8D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(422B8D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	422B8D
RGB	66, 43, 141
RGB Percent	26%, 17%, 55%
CMY	0.7412, 0.8314, 0.4471
CMYK	0.53, 0.70, 0.00, 0.45
HSL	254°, 53%, 36%
HSV	254°, 70%, 55%
XYZ	7.9184, 4.8091, 25.7102
YIQ	61.0490, -17.7500, 35.3540

# Conversions

## Conversions Part 2

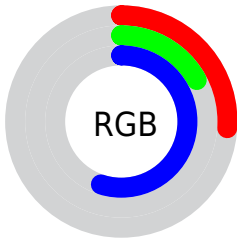
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 43, 141
Decimal	4336525
CIE <sub>Lab</sub>	26.18, 36.55, -50.89
CIE <sub>LCh</sub>	26, 62.651, 305.687
Yxy	4.8091, 0.2060, 0.1251
Android (android.graphics.Color)	4282526605 (0xFF422B8D)
YUV	61.0490, 39.4158, 4.3420
Hunter-Lab	21.9296, 26.0760, -54.1606

# Details

The Hex color **422B8D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **768D2B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **795AC4**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **371D8D**, and if you desaturate by 10%, it is **4D398D**.

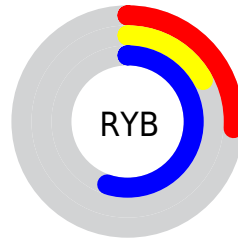
# Distribution



Red (26%)

Green (17%)

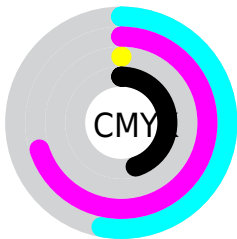
Blue (55%)



Red (26%)

Yellow (17%)

Blue (55%)

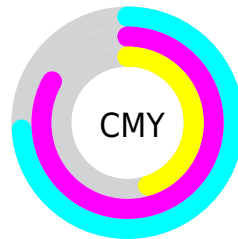


Cyan (53%)

Magenta (70%)

Yellow (0%)

Black (45%)



Cyan (74%)

Magenta (83%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 422B8D 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 422B8D by changing the saturation by 10% instead.



 422B8D

 422B8D

FFFFFF

 251473

 795AC4

 00005A

 9573E0

 000042

 B18DFD

 00032A

 CEA8FF

 000115

 EBC3FF

 000000

 FFE0FF

 FFFCFF

 422B8D

 422B8D

■ 371D8D

■ 4D398D

■ 2C0F8D

■ 58478D

■ 22018D

■ 62558D

■ 21008D

■ 6D638D

■ 78728D

■ 83808D

■ 8E8E8D

■ 989C8D

■ A3AA8D

# Harmonies

## Analogous

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



00429F



422B8D



7B0066

# Triad

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



422B8D



6B2B00



005046

# Complementary

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



422B8D



768D2B

# 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.



004E12



422B8D



453F00

# Square

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



422B8D



850006



054A00



005075

# Rectangle

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



422B8D



8A0047



054A00



005035



# Sweetspot

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



422B8D



9A91B8



2B768D



4A455C



DBDBDB



5C5C5C



# Same Dimension

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



422B8D



431FB8



732B8D



424047



200087



020008



# Inverse Universe

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



8D2B76



B81F94



458D2B



474046



870067

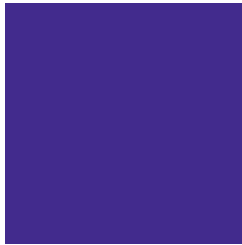


080006



# Previews

## White Background



This preview shows how the Hex color 422B8D 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

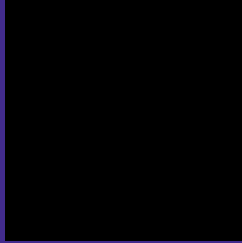
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 422B8D Background



This preview shows how black text looks on a background with the Hex color 422B8D.



This preview shows how white text looks on a background with the Hex color 422B8D.

# 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**  
422B8D

**Protanopia**  
003C7F

**Deuteranopia**  
00406D



**Tritanopia**  
2B4247

# Trichromacy



**Original Color**  
422B8D

**Protanomaly**  
183684

**Deuteranomaly**  
183879

**Tritanomaly**  
333A60

# Monochromacy



**Original Color**  
422B8D

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3F365A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 422B8D 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 #422B8D looks like.

```
.text, #text, p{  
    color:#422B8D  
}
```

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 #422B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422B8D
}
```

## Border

The CSS property to change the border of an element to Hex 422B8D 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
#422B8D }
```

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

```
.border{ border-color:#422B8D }
```

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

Here you see how a box with a 4 pixel #422B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422B8D; -webkit-box-shadow:4px 4px  
4px 4px #422B8D; box-shadow:4px 4px 4px  
4px #422B8D }
```

# Background

The CSS property to change the background color of an element to Hex 422B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422B8D }
```

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

```
.background{ background-color:#422B8D }
```

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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