

Converting Colors

Hex(422CAF)

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

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Color

Hex(422CAF)

Conversions

Conversions Part 1

Format	Color
Hex	422CAF
RGB	66, 44, 175
RGB Percent	26%, 17%, 69%
CMY	0.7412, 0.8275, 0.3137
CMYK	0.62, 0.75, 0.00, 0.31
HSL	250°, 60%, 43%
HSV	250°, 75%, 69%
XYZ	10.8853, 6.0548, 41.1524
YIQ	65.5120, -28.9390, 45.4050

Conversions

Conversions Part 2

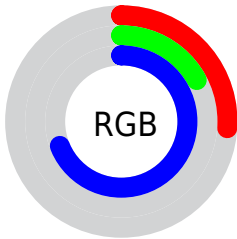
Format	Color
RYB	66, 44, 175
Decimal	4336815
CIELab	29.55, 46.48, -66.07
CIELCh	30, 80.777, 305.125
Yxy	6.0548, 0.1874, 0.1042
Android (android.graphics.Color)	4282526895 (0xFF422CAF)
YUV	65.5120, 53.9776, 0.4280
Hunter-Lab	24.6064, 35.9030, -81.9336

Details

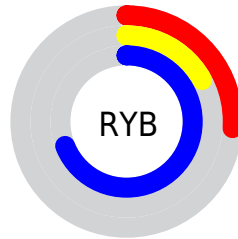
The Hex color **422CAF** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **99AF2C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7F5DE8**, and **000079** is the 20% darker color. If you saturate the color by 10%, you get **331BAF**, and if you desaturate by 10%, it is **513EAF**.

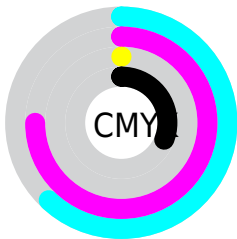
Distribution



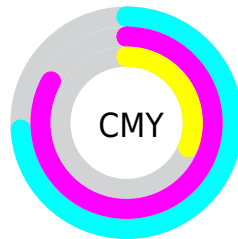
- Red (26%)
- Green (17%)
- Blue (69%)



- Red (26%)
- Yellow (17%)
- Blue (69%)



- Cyan (62%)
- Magenta (75%)
- Yellow (0%)
- Black (31%)



- Cyan (74%)
- Magenta (83%)
- Yellow (31%)

Brightness & Saturation Gradients

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

■ 422CAF

■ 422CAF

FFFFFF

■ 1C1494

■ 7F5DE8

■ 000079

■ 9C76FF

■ 000060

■ B990FF

■ 000747

■ D7ABFF

■ 00042F

■ F5C7FF

■ 00011A

■ FFE3FF

■ 000000

■ 422CAF

■ 422CAF

■ 331BAF

■ 513EAF

■ 2509AF

■ 5F4FAF

■ 1D00AF

■ 6E61AF

■ 7C72AF

■ 8B84AF

■ 9995AF

■ A8A7AF

■ B6B8AF

■ C5CAAF

Harmonies

Analogous

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



004DC7



422CAF



93007C

Triad

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



422CAF



7E2A00



005B4F

Complementary

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



422CAF



99AF2C

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.



005904



422CAF



4D4700

Square

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



422CAF



A00000



005400



005D8E

Rectangle

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



422CAF



A70053



005400



005B39

Sweetspot

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



422CAF



B9B1E3



2C99AF



5A5573



F2F2F2



737373

Same Dimension

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



422CAF



3917E3



832CAF



4F4E57



190096



040017

Inverse Universe

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



AF2C99



E317C1



58AF2C



574E55



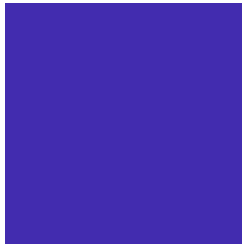
96007D



170013

Previews

White Background



This preview shows how the Hex color 422CAF 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

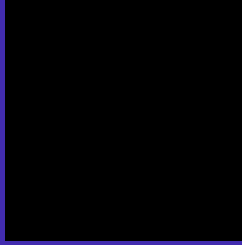
Any Text WCAG AA × Fail

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 422CAF Background



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

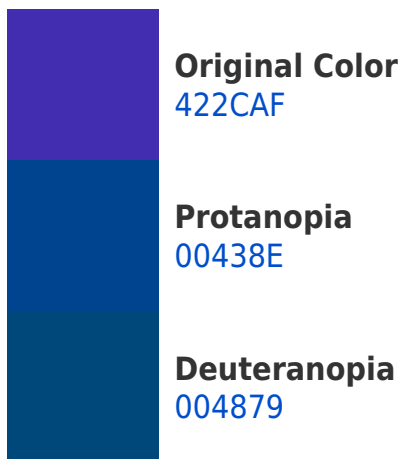


This preview shows how white text looks on a background with the Hex color 422CAF.

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
004D54

Trichromacy



Original Color
422CAF

Protanomaly
183B9A

Deuteranomaly
183E8D

Tritanomaly
184175

Monochromacy



Original Color
422CAF

Achromatopsia
424242

Achromatomaly
423A6A

CSS Examples

Text

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

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

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 #422CAF colored shadow looks like.

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

Border

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

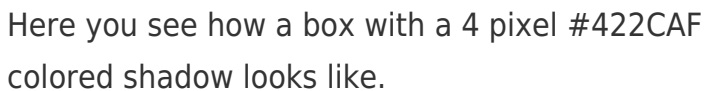
```
.border, #border, table{ border:4px solid #422CAF }  
}
```

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

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

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

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

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

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

Background

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

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

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

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

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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