

Converting Colors

Hex(462A9A)

Have a look what the booklet for
Hex(462A9A) contains.

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Color

Hex(462A9A)

Conversions

Conversions Part 1

Format	Color
Hex	462A9A
RGB	70, 42, 154
RGB Percent	27%, 16%, 60%
CMY	0.7255, 0.8353, 0.3961
CMYK	0.55, 0.73, 0.00, 0.40
HSL	255°, 57%, 38%
HSV	255°, 73%, 60%
XYZ	9.1865, 5.2911, 31.1090
YIQ	63.1400, -19.2640, 40.7680

Conversions

Conversions Part 2

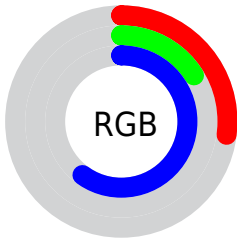
Format	Color
R_{YB}	70, 42, 154
Decimal	4598426
CIE _{Lab}	27.55, 41.75, -56.64
CIE _{LCh}	28, 70.367, 306.394
Yxy	5.2911, 0.2015, 0.1161
Android (android.graphics.Color)	4282788506 (0xFF462A9A)
YUV	63.1400, 44.7940, 6.0162
Hunter-Lab	23.0024, 31.0334, -64.0833

Details

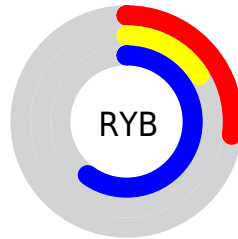
The Hex color **462A9A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7E9A2A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7F5AD1**, and **000066** is the 20% darker color. If you saturate the color by 10%, you get **3A1B9A**, and if you desaturate by 10%, it is **52399A**.

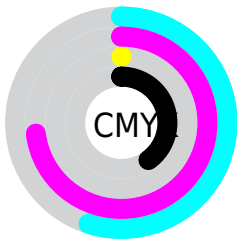
Distribution



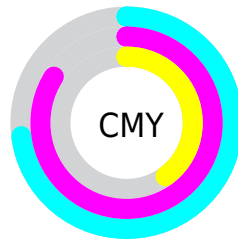
- Red (27%)
- Green (16%)
- Blue (60%)



- Red (27%)
- Yellow (16%)
- Blue (60%)



- Cyan (55%)
- Magenta (73%)
- Yellow (0%)
- Black (40%)



- Cyan (73%)
- Magenta (84%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462A9A 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 462A9A by changing the saturation by 10% instead.

462A9A

462A9A

FFFFFF

27127F

7F5AD1

000066

9B73EE

00004D

B78DFF

000535

D5A8FF

00021F

F2C4FF

000002

FFE0FF

000000

FFFDFF

462A9A

462A9A

■ 3A1B9A

■ 52399A

■ 2F0B9A

■ 5D499A

■ 27009A

■ 69589A

■ 74689A

■ 80779A

■ 8B869A

■ 97969A

■ A2A59A

■ AEB59A

Harmonies

Analogous

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



0046AF



462A9A



86006D

Triad

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



462A9A



712C00



00554C

Complementary

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



462A9A



7E9A2A

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.



00530F



462A9A



464300

Square

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



462A9A



8F0000



004E00



005581

Rectangle

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



462A9A



97004A



004E00



005439

Sweetspot

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



462A9A



A89DC9



2A7E9A



524B66



E6E6E6



666666

Same Dimension

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



462A9A



461AC9



7E2A9A



47454D



23008C



03000D

Inverse Universe

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



9A2A7E



C91A9E



469A2A



4D454B



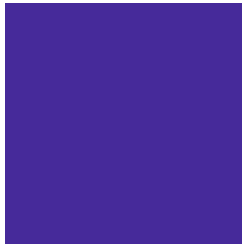
8C0069



0D000A

Previews

White Background



This preview shows how the Hex color 462A9A 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

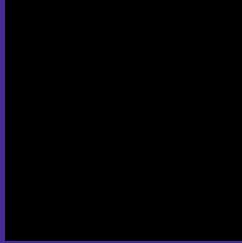
Any Text WCAG AA × Fail

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 462A9A Background



This preview shows how black text looks on a background with the Hex color 462A9A.



This preview shows how white text looks on a background with the Hex color 462A9A.

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
462A9A

Protanopia
003F85

Deuteranopia
004372



Tritanopia
2B464B

Trichromacy



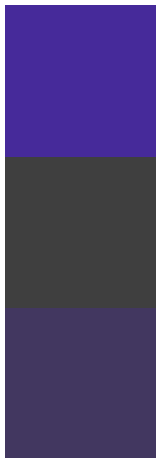
Original Color
462A9A

Protanomaly
19378D

Deuteranomaly
193A81

Tritanomaly
353C68

Monochromacy



Original Color
462A9A

Achromatopsia
3F3F3F

Achromatomaly
423760

CSS Examples

Text

The CSS property to change the color of the text to Hex 462A9A 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 #462A9A looks like.

```
.text, #text, p{  
    color:#462A9A  
}
```

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 #462A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462A9A
}
```

Border

The CSS property to change the border of an element to Hex 462A9A 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
#462A9A }
```

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

```
.border{ border-color:#462A9A }
```

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

Here you see how a box with a 4 pixel #462A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462A9A; -webkit-box-shadow:4px 4px  
4px 4px #462A9A; box-shadow:4px 4px 4px  
4px #462A9A }
```

Background

The CSS property to change the background color of an element to Hex 462A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462A9A }
```

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

```
.background{ background-color:#462A9A }
```

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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