

Converting Colors

Hex(462AB5)

Have a look what the booklet for
Hex(462AB5) contains.

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Color

Hex(462AB5)

Conversions

Conversions Part 1

Format	Color
Hex	462AB5
RGB	70, 42, 181
RGB Percent	27%, 16%, 71%
CMY	0.7255, 0.8353, 0.2902
CMYK	0.61, 0.77, 0.00, 0.29
HSL	252°, 62%, 44%
HSV	252°, 77%, 71%
XYZ	11.6942, 6.2942, 44.3146
YIQ	66.2180, -27.9310, 49.1650

Conversions

Conversions Part 2

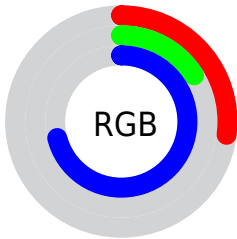
Format	Color
R_{YB}	70, 42, 181
Decimal	4598453
CIE _{Lab}	30.14, 49.79, -68.66
CIE _{LCh}	30, 84.813, 305.950
Yxy	6.2942, 0.1877, 0.1010
Android (android.graphics.Color)	4282788533 (0xFF462AB5)
YUV	66.2180, 56.5875, 3.3168
Hunter-Lab	25.0883, 39.2986, -87.1649

Details

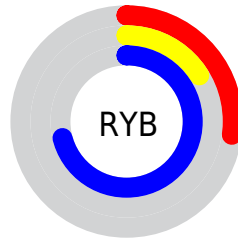
The Hex color **462AB5** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **99B52A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **835BEE**, and **00007F** is the 20% darker color. If you saturate the color by 10%, you get **3818B5**, and if you desaturate by 10%, it is **543CB5**.

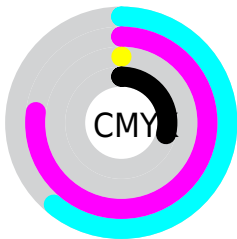
Distribution



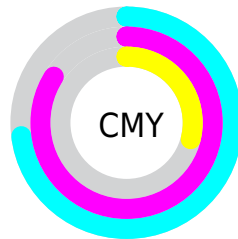
- Red (27%)
- Green (16%)
- Blue (71%)



- Red (27%)
- Yellow (16%)
- Blue (71%)



- Cyan (61%)
- Magenta (77%)
- Yellow (0%)
- Black (29%)



- Cyan (73%)
- Magenta (84%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462AB5 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 462AB5 by changing the saturation by 10% instead.

■ 462AB5

■ 462AB5

FFFFFF

■ 211199

■ 835BEE

■ 00007F

■ A075FF

■ 000065

■ BE8FFF

■ 00044C

■ DCAAFF

■ 000434

■ FAC6FF

■ 00021E

■ FFE2FF

■ 000000

■ 462AB5

■ 462AB5

■ 3818B5

■ 543CB5

■ 2906B5

■ 634EB5

■ 2400B5

■ 7160B5

■ 8072B5

■ 8E85B5

■ 9D97B5

■ ABA9B5

■ BABBB5

■ C8CDB5

Harmonies

Analogous

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



004ECF



462AB5



9A007E

Triad

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



462AB5



802B00



005E53

Complementary

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



462AB5



99B52A

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.



005B03



462AB5



4C4900

Square

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



462AB5



A50000



005600



005F95

Rectangle

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



462AB5



AE0053



005600



005D3C

Sweetspot

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



462AB5



C0B5EB



2A99B5



5B5475



F5F5F5



757575

Same Dimension

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



462AB5



3E13EB



8B2AB5



525059



1F0099



05001A

Inverse Universe

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



B52A99



EB13BF



54B52A



595057



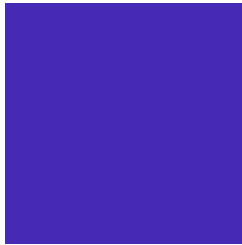
99007A



1A0014

Previews

White Background



This preview shows how the Hex color 462AB5 looks on a white background.

Color Contrast Check

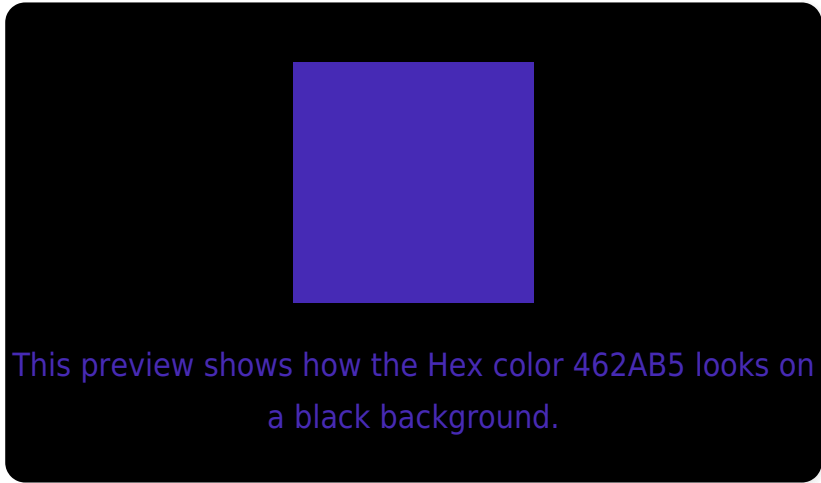
Large Text (above 18pt) WCAG AA ✓ Pass

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

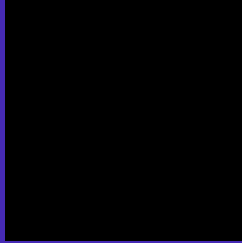
Any Text WCAG AA × Fail

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 462AB5 Background



This preview shows how black text looks on a background with the Hex color 462AB5.

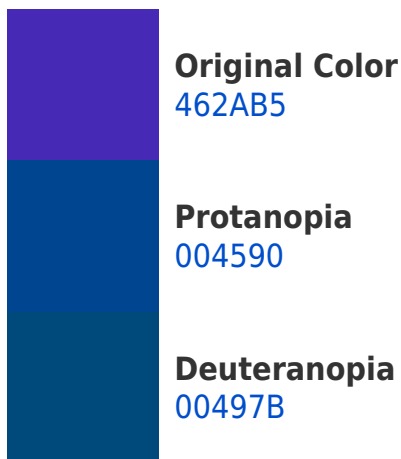


This preview shows how white text looks on a background with the Hex color 462AB5.

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
114F55

Trichromacy



Original Color
462AB5

Protanomaly
193B9D

Deuteranomaly
193E90

Tritanomaly
244278

Monochromacy



Original Color
462AB5

Achromatopsia
424242

Achromatomaly
43396C

CSS Examples

Text

The CSS property to change the color of the text to Hex 462AB5 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 #462AB5 looks like.

```
.text, #text, p{  
    color:#462AB5  
}
```

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 #462AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462AB5
}
```

Border

The CSS property to change the border of an element to Hex 462AB5 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
#462AB5 }
```

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

```
.border{ border-color:#462AB5 }
```

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

Here you see how a box with a 4 pixel #462AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462AB5; -webkit-box-shadow:4px 4px  
4px 4px #462AB5; box-shadow:4px 4px 4px  
4px #462AB5 }
```

Background

The CSS property to change the background color of an element to Hex 462AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462AB5 }
```

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

```
.background{ background-color:#462AB5 }
```

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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