

Converting Colors

Hex(462C7C)

Have a look what the booklet for
Hex(462C7C) contains.

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Color

Hex(462C7C)

Conversions

Conversions Part 1

Format	Color
Hex	462C7C
RGB	70, 44, 124
RGB Percent	27%, 17%, 49%
CMY	0.7255, 0.8275, 0.5137
CMYK	0.44, 0.65, 0.00, 0.51
HSL	260°, 48%, 33%
HSV	260°, 65%, 49%
XYZ	7.0646, 4.5587, 19.5764
YIQ	60.8940, -10.1840, 30.3920

Conversions

Conversions Part 2

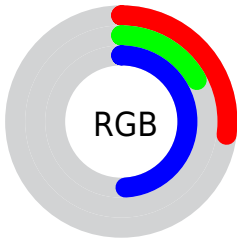
Format	Color
R_{YB}	70, 44, 124
Decimal	4598908
CIE _{Lab}	25.44, 31.61, -41.44
CIE _{LCh}	25, 52.116, 307.340
Yxy	4.5587, 0.2264, 0.1461
Android (android.graphics.Color)	4282788988 (0xFF462C7C)
YUV	60.8940, 31.1113, 7.9860
Hunter-Lab	21.3511, 21.6969, -39.4160

Details

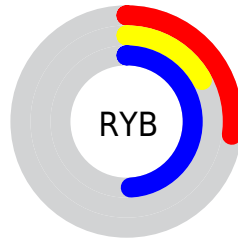
The Hex color **462C7C** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **627C2C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7A5BB1**, and **10004A** is the 20% darker color. If you saturate the color by 10%, you get **3E207C**, and if you desaturate by 10%, it is **4E387C**.

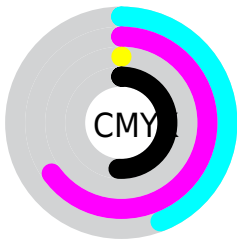
Distribution



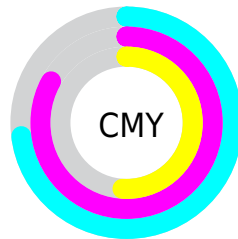
- Red (27%)
- Green (17%)
- Blue (49%)



- Red (27%)
- Yellow (17%)
- Blue (49%)



- Cyan (44%)
- Magenta (65%)
- Yellow (0%)
- Black (51%)



- Cyan (73%)
- Magenta (83%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462C7C 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 462C7C by changing the saturation by 10% instead.

462C7C

462C7C

FFFFFF

2C1663

7A5BB1

10004A

9674CD

000033

B18EE9

00021D

CDA9FF

000000

EAC4FF

FFE0FF

FFFDFF

462C7C

462C7C

■ 3E207C

■ 4E387C

■ 35137C

■ 57457C

■ 2D077C

■ 5F517C

■ 28007C

■ 675E7C

■ 706A7C

■ 78767C

■ 81837C

■ 898F7C

■ 919C7C

Harmonies

Analogous

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



003F8C



462C7C



710D5C

Triad

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



462C7C



622E00



004C45

Complementary

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



462C7C



627C2C

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.



004B1B



462C7C



423E00

Square

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



462C7C



78150E



154700



004C6C

Rectangle

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



462C7C



7D0042



154700



004C38

Sweetspot

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



462C7C



8C82A1



2C637C



453F52



D1D1D1



525252

Same Dimension

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



462C7C



4D25A1



6D2C7C



39373D



29007D



5200FC

Inverse Universe

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



7C2C62



A12578



3B7C2C



3D373B



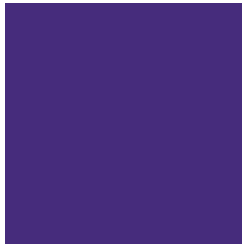
7D0054



FC00AA

Previews

White Background



This preview shows how the Hex color 462C7C 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

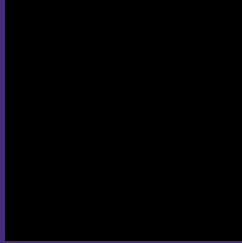
Any Text WCAG AA × Fail

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 462C7C Background



This preview shows how black text looks on a background with the Hex color 462C7C.



This preview shows how white text looks on a background with the Hex color 462C7C.

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
383D42

Trichromacy



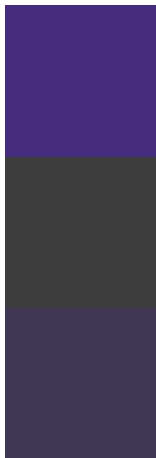
Original Color
462C7C

Protanomaly
19367C

Deuteranomaly
193772

Tritanomaly
3D3757

Monochromacy



Original Color
462C7C

Achromatopsia
3D3D3D

Achromatomaly
403754

CSS Examples

Text

The CSS property to change the color of the text to Hex 462C7C 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 #462C7C looks like.

```
.text, #text, p{  
    color:#462C7C  
}
```

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 #462C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462C7C
}
```

Border

The CSS property to change the border of an element to Hex 462C7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

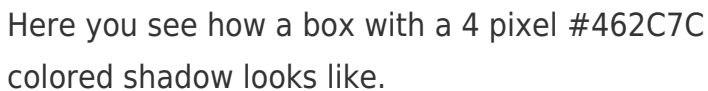
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#462C7C }
```

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

```
.border{ border-color:#462C7C }
```

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



Here you see how a box with a 4 pixel #462C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462C7C; -webkit-box-shadow:4px 4px  
4px 4px #462C7C; box-shadow:4px 4px 4px  
4px #462C7C }
```

Background

The CSS property to change the background color of an element to Hex 462C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462C7C }
```

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

```
.background{ background-color:#462C7C }
```

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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