

Converting Colors

Hex(C437B0)

Have a look what the booklet for
Hex(C437B0) contains.

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Color

Hex(C437B0)

Conversions

Conversions Part 1

Format	Color
Hex	C437B0
RGB	196, 55, 176
RGB Percent	77%, 22%, 69%
CMY	0.2314, 0.7843, 0.3098
CMYK	0.00, 0.72, 0.10, 0.23
HSL	309°, 56%, 49%
HSV	309°, 72%, 77%
XYZ	31.9676, 17.6027, 42.7871
YIQ	110.9530, 45.1950, 67.5230

Conversions

Conversions Part 2

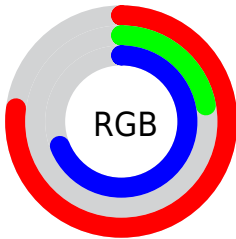
Format	Color
R_{YB}	196, 55, 176
Decimal	12859312
CIE _{Lab}	49.01, 67.50, -34.40
CIE _{LCh}	49, 75.762, 332.992
Yxy	17.6027, 0.3461, 0.1906
Android (android.graphics.Color)	4291049392 (0xFFC437B0)
YUV	110.9530, 32.0682, 74.5862
Hunter-Lab	41.9556, 62.5838, -31.0961

Details

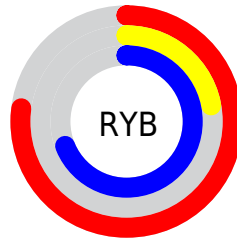
The Hex color **C437B0** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **37C44B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF72E8**, and **8A007B** is the 20% darker color. If you saturate the color by 10%, you get **C423AD**, and if you desaturate by 10%, it is **C44BB3**.

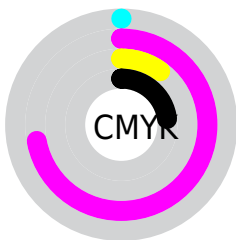
Distribution



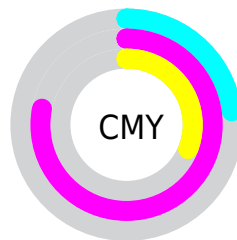
- Red (77%)
- Green (22%)
- Blue (69%)



- Red (77%)
- Yellow (22%)
- Blue (69%)



- Cyan (0%)
- Magenta (72%)
- Yellow (10%)
- Black (23%)



- Cyan (23%)
- Magenta (78%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C437B0 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 C437B0 by changing the saturation by 10% instead.

 C437B0

 C437B0

FFFFFF

 A70D95

 FF72E8

 8A007B

 FF8FFF

 6E0062

 FFACFF

 530049

 FFC9FF

 3A0033

 FFE6FF

 1A001C

 000000

 C437B0

 C437B0

 C423AD

 C44BB3

 C410AA

 C45EB6

 C400A8

 C472B8

 C485BB

 C499BE

 C4ADC1

 C4C0C3

 C4D4C6

 C4E7C9

Harmonies

Analogous

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



7660E2



C437B0



E11071

Triad

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



C437B0



887400



008FB9

Complementary

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



C437B0



37C44B

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.



008F79



C437B0



448400

Square

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



C437B0



BA5A00



008C35



008AE8

Rectangle

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



C437B0



E02447



008C35



0090A5

Sweetspot

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



C437B0



FFC7F7



4A37C4



805E7B



000000



808080

Same Dimension

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



C437B0



FF24E0



C4376B



615760



A1008A



21001C

Inverse Universe

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



C437B0



FF24E0



37C490



615760



A1008A



21001C

Previews

White Background



This preview shows how the Hex color C437B0 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

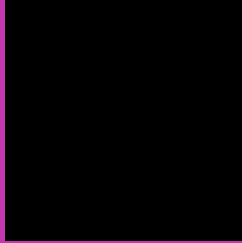
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C437B0 Background



This preview shows how black text looks on a background with the Hex color C437B0.

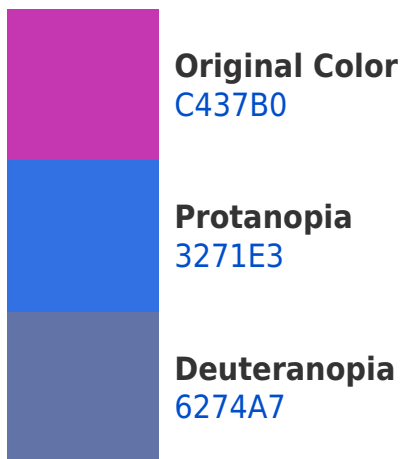



This preview shows how white text looks on a background with the Hex color C437B0.

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](#).

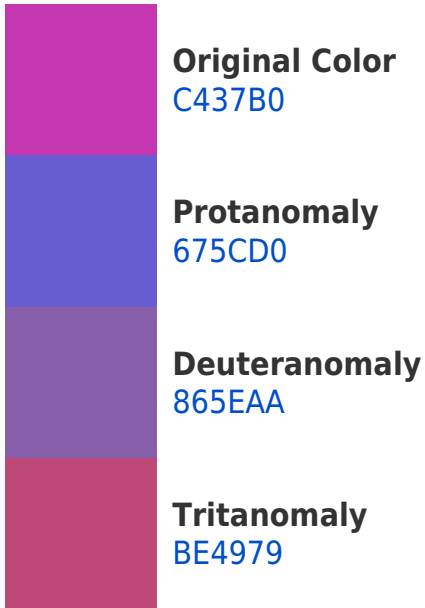
Dichromacy





Tritanopia
BB5359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C437B0 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 #C437B0 looks like.

```
.text, #text, p{  
    color:#C437B0  
}
```

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 #C437B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C437B0
}
```

Border

The CSS property to change the border of an element to Hex C437B0 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
#C437B0 }
```

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

```
.border{ border-color:#C437B0 }
```

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

Here you see how a box with a 4 pixel #C437B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C437B0; -webkit-box-shadow:4px 4px  
4px 4px #C437B0; box-shadow:4px 4px 4px  
4px #C437B0 }
```

Background

The CSS property to change the background color of an element to Hex C437B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C437B0 }
```

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

```
.background{ background-color:#C437B0 }
```

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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