

Converting Colors

Hex(4B37C8)

Have a look what the booklet for
Hex(4B37C8) contains.

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Color

Hex(4B37C8)

Conversions

Conversions Part 1

Format	Color
Hex	4B37C8
RGB	75, 55, 200
RGB Percent	29%, 22%, 78%
CMY	0.7059, 0.7843, 0.2157
CMYK	0.62, 0.72, 0.00, 0.22
HSL	248°, 57%, 50%
HSV	248°, 72%, 78%
XYZ	14.6932, 8.3984, 55.4902
YIQ	77.5100, -34.6250, 49.3350

Conversions

Conversions Part 2

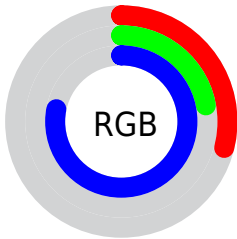
Format	Color
R_{YB}	75, 55, 200
Decimal	4929480
CIE _{Lab}	34.80, 49.38, -72.17
CIE _{LCh}	35, 87.448, 304.384
Yxy	8.3984, 0.1870, 0.1069
Android (android.graphics.Color)	4283119560 (0xFF4B37C8)
YUV	77.5100, 60.3876, -2.2013
Hunter-Lab	28.9799, 39.7867, -93.2414

Details

The Hex color **4B37C8** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **B4C837**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8968FF**, and **000691** is the 20% darker color. If you saturate the color by 10%, you get **3A23C8**, and if you desaturate by 10%, it is **5C4BC8**.

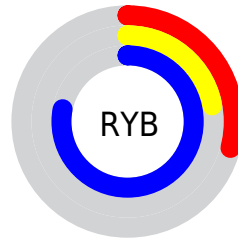
Distribution



Red (29%)

Green (22%)

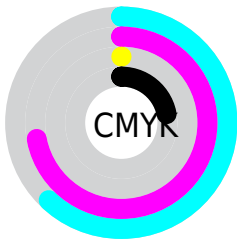
Blue (78%)



Red (29%)

Yellow (22%)

Blue (78%)

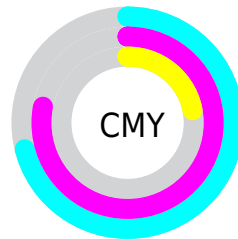


Cyan (62%)

Magenta (72%)

Yellow (0%)

Black (22%)



Cyan (71%)

Magenta (78%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B37C8 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 4B37C8 by changing the saturation by 10% instead.

 4B37C8

 4B37C8

FFFFFF

 251FAC

 8968FF

 000691

 A782FF

 000076

 C59DFF

 00005C

 E4B8FF

 000744

 FFD4FF

 00032C

 FFF1FF

 000117

 000000

 4B37C8

 4B37C8

■ 3A23C8

■ 5C4BC8

■ 290FC8

■ 6D5FC8

■ 1C00C8

■ 7F73C8

■ 9087C8

■ A19BC8

■ B2AFC8

■ C4C3C8

■ D5D7C8

■ E6EBC8

Harmonies

Analogous

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



005AE1



4B37C8



A70090

Triad

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



4B37C8



923300



006A5B

Complementary

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



4B37C8



B4C837

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.



006806



4B37C8



5C5300

Square

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



4B37C8



B70004



006200



006CA0

Rectangle

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



4B37C8



BE0062



006200



006A42

Sweetspot

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



4B37C8



CFC7FF



37B5C8



635E80



000000



808080

Same Dimension

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



4B37C8



4021FF



9337C8



5B5A63



1700A3



050024

Inverse Universe

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



C837B4



FF21E0



6CC837



635A62



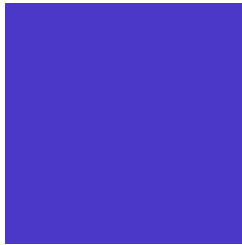
A3008D



24001F

Previews

White Background



This preview shows how the Hex color 4B37C8 looks on a white background.

Color Contrast Check

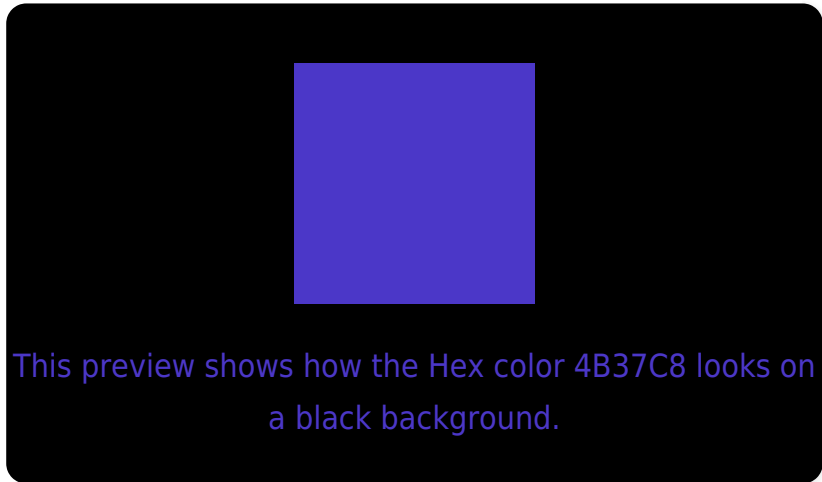
Large Text (above 18pt) WCAG AA ✓ Pass

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

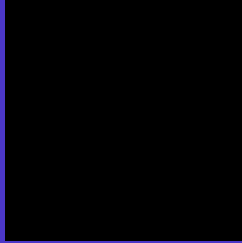
Any Text WCAG AA × Fail

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 4B37C8 Background



This preview shows how black text looks on a background with the Hex color 4B37C8.

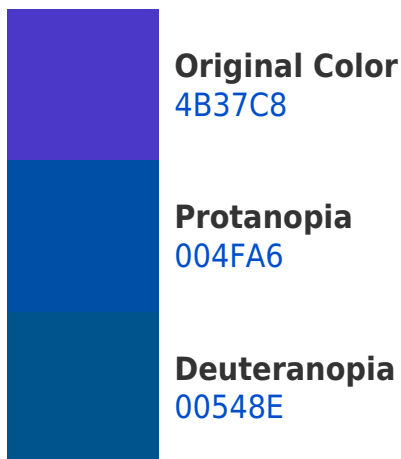


This preview shows how white text looks on a background with the Hex color 4B37C8.

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
025A62

Trichromacy



Original Color
4B37C8



Protanomaly
1B46B2



Deuteranomaly
1B49A3



Tritanomaly
1D4D87

Monochromacy



Original Color
4B37C8



Achromatopsia
4E4E4E



Achromatomaly
4D467A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B37C8 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 #4B37C8 looks like.

```
.text, #text, p{  
    color:#4B37C8  
}
```

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 #4B37C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B37C8
}
```

Border

The CSS property to change the border of an element to Hex 4B37C8 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
#4B37C8 }
```

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

```
.border{ border-color:#4B37C8 }
```

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

Here you see how a box with a 4 pixel #4B37C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B37C8; -webkit-box-shadow:4px 4px  
4px 4px #4B37C8; box-shadow:4px 4px 4px  
4px #4B37C8 }
```

Background

The CSS property to change the background color of an element to Hex 4B37C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B37C8 }
```

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

```
.background{ background-color:#4B37C8 }
```

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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