

Converting Colors

Hex(4D37B0)

Have a look what the booklet for
Hex(4D37B0) contains.

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Color

Hex(4D37B0)

Conversions

Conversions Part 1

Format	Color
Hex	4D37B0
RGB	77, 55, 176
RGB Percent	30%, 22%, 69%
CMY	0.6980, 0.7843, 0.3098
CMYK	0.56, 0.69, 0.00, 0.31
HSL	251°, 52%, 45%
HSV	251°, 69%, 69%
XYZ	12.2632, 7.4447, 41.8649
YIQ	75.3720, -25.7290, 42.2950

Conversions

Conversions Part 2

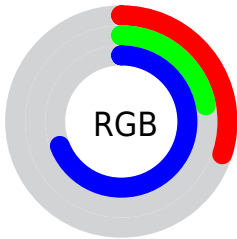
Format	Color
R_{YB}	77, 55, 176
Decimal	5060528
CIE _{Lab}	32.80, 42.31, -61.30
CIE _{LCh}	33, 74.483, 304.618
Yxy	7.4447, 0.1992, 0.1209
Android (android.graphics.Color)	4283250608 (0xFF4D37B0)
YUV	75.3720, 49.6096, 1.4278
Hunter-Lab	27.2851, 32.4777, -71.8723

Details

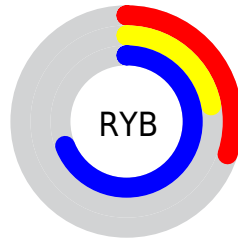
The Hex color **4D37B0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9AB037**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8768E9**, and **00087A** is the 20% darker color. If you saturate the color by 10%, you get **3F25B0**, and if you desaturate by 10%, it is **5B49B0**.

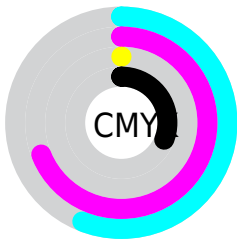
Distribution



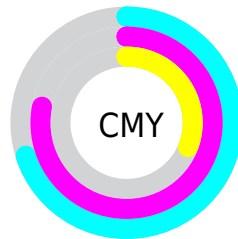
- Red (30%)
- Green (22%)
- Blue (69%)



- Red (30%)
- Yellow (22%)
- Blue (69%)



- Cyan (56%)
- Magenta (69%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (78%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D37B0 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 4D37B0 by changing the saturation by 10% instead.

■ 4D37B0

■ 4D37B0

FFFFFF

■ 2D2095

■ 8768E9

■ 00087A

■ A481FF

■ 000061

■ C19CFF

■ 000048

■ DFB7FF

■ 000430

■ FDD3FF

■ 00011B

■ FFEFFF

■ 000000

■ 4D37B0

■ 4D37B0

■ 3F25B0

■ 5B49B0

■ 3014B0

■ 6A5AB0

■ 2202B0

■ 786CB0

■ 2000B0

■ 877DB0

■ 958FB0

■ A3A1B0

■ B2B2B0

■ C0C4B0

■ CFD5B0

Harmonies

Analogous

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



0053C5



4D37B0



960081

Triad

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



4D37B0



853400



006355

Complementary

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



4D37B0



9AB037

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.



006113



4D37B0



574E00

Square

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



4D37B0



A5000C



085B00



006490

Rectangle

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



4D37B0



AA005A



085B00



006340

Sweetspot

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



4D37B0



BEB5E6



379CB0



5B5673



F2F2F2



737373

Same Dimension

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



4D37B0



4A27E6



8837B0



525059



1C0099



05001A

Inverse Universe

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



B0379A



E627C3



5FB037



595058



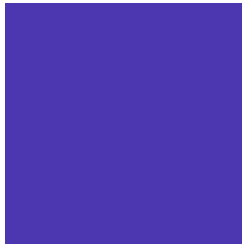
99007D



1A0015

Previews

White Background



This preview shows how the Hex color 4D37B0 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

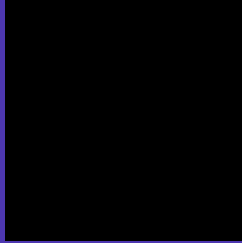
Any Text WCAG AA × Fail

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 4D37B0 Background



This preview shows how black text looks on a background with the Hex color 4D37B0.

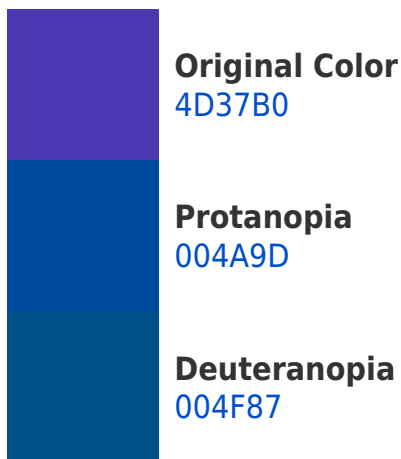


This preview shows how white text looks on a background with the Hex color 4D37B0.

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



Trichromacy



Original Color
4D37B0

Protanomaly
1C43A4

Deuteranomaly
1C4696

Tritanomaly
394979

Monochromacy



Original Color
4D37B0

Achromatopsia
4B4B4B

Achromatomaly
4C4470

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D37B0 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 #4D37B0 looks like.

```
.text, #text, p{  
    color:#4D37B0  
}
```

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 #4D37B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D37B0
}
```

Border

The CSS property to change the border of an element to Hex 4D37B0 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
#4D37B0 }
```

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

```
.border{ border-color:#4D37B0 }
```

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

Here you see how a box with a 4 pixel #4D37B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D37B0; -webkit-box-shadow:4px 4px  
4px 4px #4D37B0; box-shadow:4px 4px 4px  
4px #4D37B0 }
```

Background

The CSS property to change the background color of an element to Hex 4D37B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D37B0 }
```

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

```
.background{ background-color:#4D37B0 }
```

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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