

Converting Colors

Hex(4D127B)

Have a look what the booklet for
Hex(4D127B) contains.

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Color

Hex(4D127B)

Conversions

Conversions Part 1

Format	Color
Hex	4D127B
RGB	77, 18, 123
RGB Percent	30%, 7%, 48%
CMY	0.6980, 0.9294, 0.5176
CMYK	0.37, 0.85, 0.00, 0.52
HSL	274°, 74%, 28%
HSV	274°, 85%, 48%
XYZ	6.8520, 3.4405, 19.0418
YIQ	47.6110, 1.4590, 45.1630

Conversions

Conversions Part 2

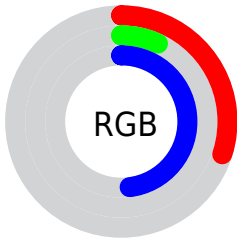
Format	Color
RYB	77, 18, 123
Decimal	5051003
CIELab	21.73, 45.48, -46.80
CIElCh	22, 65.252, 314.180
Yxy	3.4405, 0.2336, 0.1173
Android (android.graphics.Color)	4283241083 (0xFF4D127B)
YUV	47.6110, 37.1668, 25.7742
Hunter-Lab	18.5485, 33.4803, -47.8831

Details

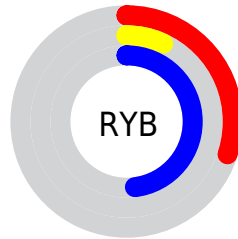
The Hex color **4D127B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **407B12**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **8346B0**, and **1A0049** is the 20% darker color. If you saturate the color by 10%, you get **48067B**, and if you desaturate by 10%, it is **521E7B**.

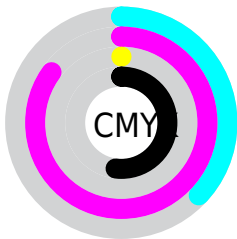
Distribution



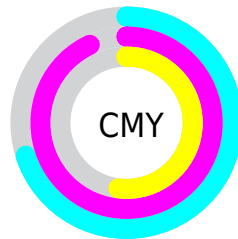
- Red (30%)
- Green (7%)
- Blue (48%)



- Red (30%)
- Yellow (7%)
- Blue (48%)



- Cyan (37%)
- Magenta (85%)
- Yellow (0%)
- Black (52%)



- Cyan (70%)
- Magenta (93%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D127B 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 4D127B by changing the saturation by 10% instead.

 4D127B

 4D127B

FFFFFF

 320062

 8346B0

 1A0049

 9E5FCC

 000032

 BA79E9

 00011C

 D794FF

 000000

 F4AFFF

 FFCBFF

 FFE8FF

 4D127B

 4D127B

■ 48067B

■ 521E7B

■ 45007B

■ 582B7B

■ 5D377B

■ 63437B

■ 68507B

■ 6D5C7B

■ 73687B

■ 78747B

■ 7D817B

Harmonies

Analogous

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



003495



4D127B



790050

Triad

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



4D127B



552800



00454B

Complementary

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



4D127B



407B12

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.



004417



4D127B



2C3900

Square

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



4D127B



740000



004100



004678

Rectangle

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



4D127B



820030



004100



00453A

Sweetspot

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



4D127B



8E77A1



12417B



473852



D1D1D1



525252

Same Dimension

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



4D127B



5A00A1



7B1276



3B373D



46007D



8E00FC

Inverse Universe

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



7B1240



A10046



127B17



3D373A



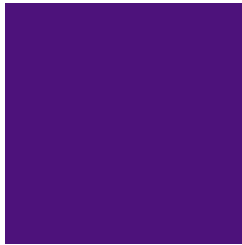
7D0037



FC006F

Previews

White Background



This preview shows how the Hex color 4D127B looks on a white background.

Color Contrast Check

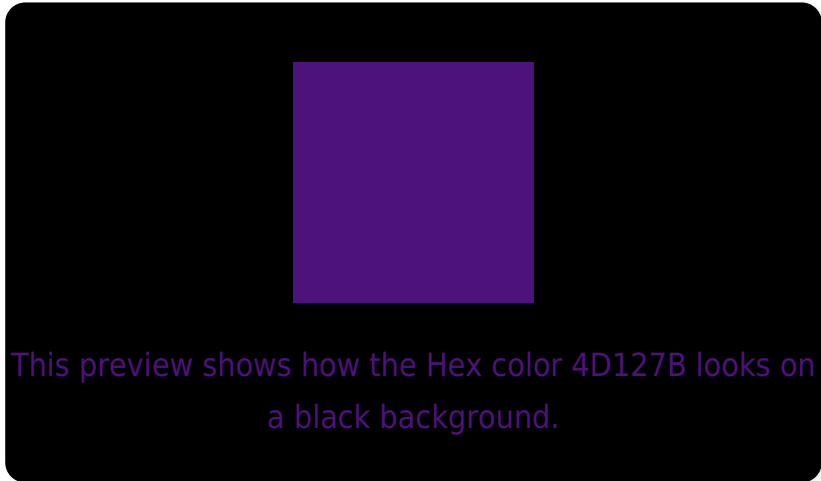
Large Text (above 18pt) WCAG AA ✓ Pass

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

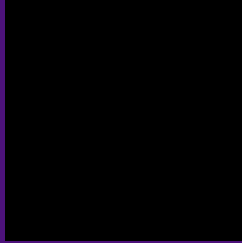
Any Text WCAG AA × Fail

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 4D127B Background



This preview shows how black text looks on a background with the Hex color 4D127B.



This preview shows how white text looks on a background with the Hex color 4D127B.

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



Original Color
4D127B

Protanopia
00346D

Deuteranopia
00375E



Tritanopia
3F3236

Trichromacy



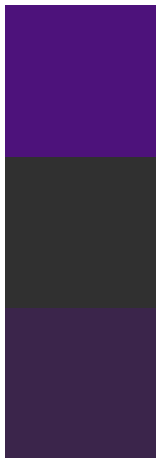
Original Color
4D127B

Protanomaly
1C2872

Deuteranomaly
1C2A69

Tritanomaly
44264F

Monochromacy



Original Color
4D127B

Achromatopsia
303030

Achromatomaly
3B254B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D127B 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 #4D127B looks like.

```
.text, #text, p{  
    color:#4D127B  
}
```

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 #4D127B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D127B
}
```

Border

The CSS property to change the border of an element to Hex 4D127B is called "border". The border property can be set on classes, ids or directly on the HTML element.

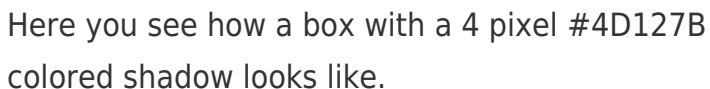
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D127B }
```

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

```
.border{ border-color:#4D127B }
```

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



Here you see how a box with a 4 pixel #4D127B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D127B; -webkit-box-shadow:4px 4px  
4px 4px #4D127B; box-shadow:4px 4px 4px  
4px #4D127B }
```

Background

The CSS property to change the background color of an element to Hex 4D127B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D127B }
```

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

```
.background{ background-color:#4D127B }
```

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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