

Converting Colors

Hex(4E157D)

Have a look what the booklet for
Hex(4E157D) contains.

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Color

Hex(4E157D)

Conversions

Conversions Part 1

Format	Color
Hex	4E157D
RGB	78, 21, 125
RGB Percent	31%, 8%, 49%
CMY	0.6941, 0.9176, 0.5098
CMYK	0.38, 0.83, 0.00, 0.51
HSL	273°, 71%, 29%
HSV	273°, 83%, 49%
XYZ	7.1117, 3.6367, 19.7292
YIQ	49.8990, 0.5880, 44.4280

Conversions

Conversions Part 2

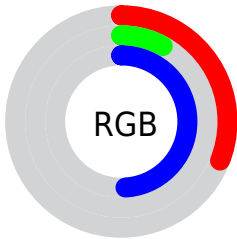
Format	Color
RYB	78, 21, 125
Decimal	5117309
CIELab	22.43, 45.04, -46.91
CIELCh	22, 65.031, 313.832
Yxy	3.6367, 0.2333, 0.1193
Android (android.graphics.Color)	4283307389 (0xFF4E157D)
YUV	49.8990, 37.0248, 24.6446
Hunter-Lab	19.0701, 33.1943, -47.9898

Details

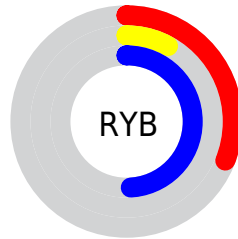
The Hex color **4E157D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **447D15**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8448B3**, and **1A004B** is the 20% darker color. If you saturate the color by 10%, you get **48087D**, and if you desaturate by 10%, it is **54227D**.

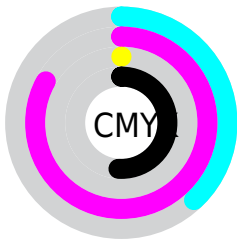
Distribution



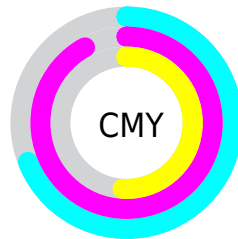
- Red (31%)
- Green (8%)
- Blue (49%)



- Red (31%)
- Yellow (8%)
- Blue (49%)



- Cyan (38%)
- Magenta (83%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (92%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E157D 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 4E157D by changing the saturation by 10% instead.

■ 4E157D

■ 4E157D

FFFFFF

■ 330063

■ 8448B3

■ 1A004B

■ 9F62CE

■ 000033

■ BC7BEB

■ 00021D

■ D896FF

■ 000000

■ F6B1FF

■ FFCDFD

■ FFEAFF

■ 4E157D

■ 4E157D

■ 48087D

■ 54227D

■ 45007D

■ 592E7D

■ 5F3B7D

■ 65477D

■ 6A537D

■ 70607D

■ 766D7D

■ 7B797D

■ 81867D

Harmonies

Analogous

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



003696



4E157D



7A0052

Triad

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



4E157D



582900



00474C

Complementary

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



4E157D



447D15

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.



004618



4E157D



2E3B00

Square

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



4E157D



760000



004200



004779

Rectangle

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



4E157D



840032



004200



00473B

Sweetspot

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



4E157D



917AA3



15467D



473952



D1D1D1



525252

Same Dimension

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



4E157D



5900A3



7D157A



3D3940



460080



000000

Inverse Universe

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



7D1544



A3004A



157D18



40393C



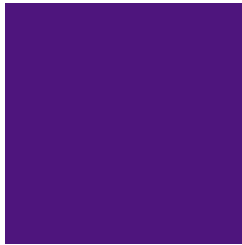
80003A



000000

Previews

White Background



This preview shows how the Hex color 4E157D looks on a white background.

Color Contrast Check

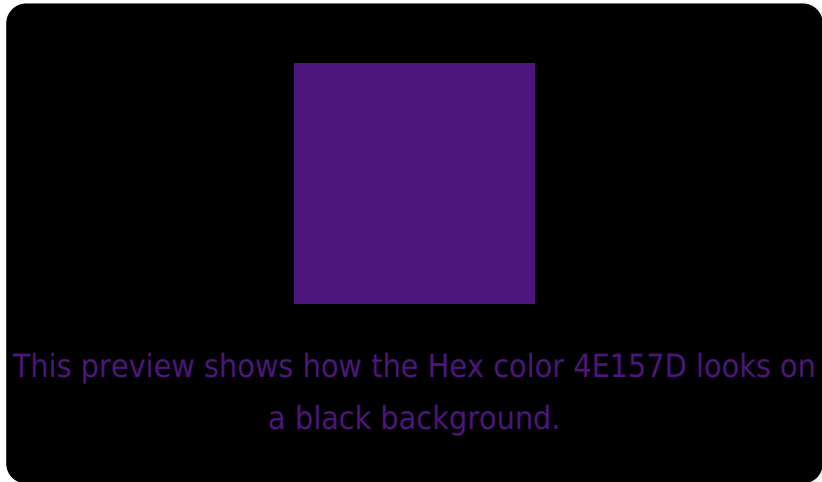
Large Text (above 18pt) WCAG AA ✓ Pass

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

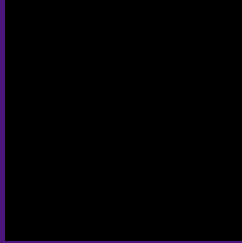
Any Text WCAG AA × Fail

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 4E157D Background



This preview shows how black text looks on a background with the Hex color 4E157D.



This preview shows how white text looks on a background with the Hex color 4E157D.

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](#).

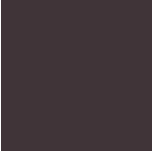
Dichromacy



Original Color
4E157D

Protanopia
003570

Deuteranopia
003961



Tritanopia
403438

Trichromacy



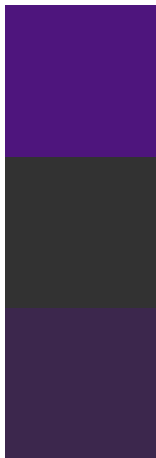
Original Color
4E157D

Protanomaly
1C2975

Deuteranomaly
1C2C6B

Tritanomaly
452951

Monochromacy



Original Color
4E157D

Achromatopsia
323232

Achromatomaly
3C274D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E157D 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 #4E157D looks like.

```
.text, #text, p{  
    color:#4E157D  
}
```

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 #4E157D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E157D
}
```

Border

The CSS property to change the border of an element to Hex 4E157D is called "border". The border property can be set on classes, ids or directly on the HTML element.

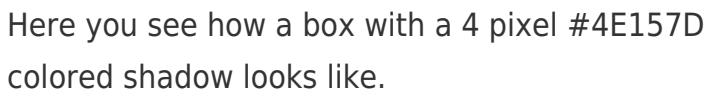
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E157D }
```

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

```
.border{ border-color:#4E157D }
```

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



Here you see how a box with a 4 pixel #4E157D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E157D; -webkit-box-shadow:4px 4px  
4px 4px #4E157D; box-shadow:4px 4px 4px  
4px #4E157D }
```

Background

The CSS property to change the background color of an element to Hex 4E157D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E157D }
```

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

```
.background{ background-color:#4E157D }
```

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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