

# Converting Colors

Hex(4E1C80)

Have a look what the booklet for  
Hex(4E1C80) contains.

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# Color

**Hex(4E1C80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E1C80
RGB	78, 28, 128
RGB Percent	31%, 11%, 50%
CMY	0.6941, 0.8902, 0.4980
CMYK	0.39, 0.78, 0.00, 0.50
HSL	270°, 64%, 31%
HSV	270°, 78%, 50%
XYZ	7.4534, 4.0087, 20.8030
YIQ	54.3500, -2.3000, 41.7000

# Conversions

## Conversions Part 2

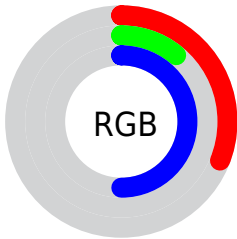
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 28, 128
Decimal	5119104
CIELab	23.70, 42.89, -46.74
CIElCh	24, 63.440, 312.541
Yxy	4.0087, 0.2310, 0.1242
Android (android.graphics.Color)	4283309184 (0xFF4E1C80)
YUV	54.3500, 36.3095, 20.7411
Hunter-Lab	20.0218, 31.4112, -47.5881

# Details

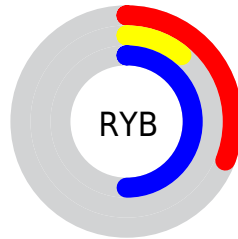
The Hex color **4E1C80** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4E801C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **844EB6**, and **19004E** is the 20% darker color. If you saturate the color by 10%, you get **480F80**, and if you desaturate by 10%, it is **542980**.

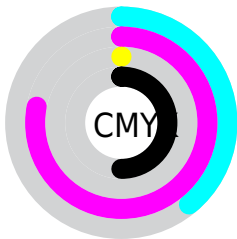
# Distribution



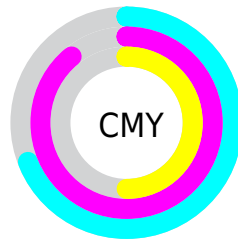
- Red (31%)
- Green (11%)
- Blue (50%)



- Red (31%)
- Yellow (11%)
- Blue (50%)



- Cyan (39%)
- Magenta (78%)
- Yellow (0%)
- Black (50%)



- Cyan (69%)
- Magenta (89%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E1C80 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 4E1C80 by changing the saturation by 10% instead.



4E1C80

4E1C80

FFFFFF

330066

844EB6

19004E

9F67D2

000036

BB81EE

000220

D89BFF

000003

F5B7FF

000000

FFD3FF

FFEFFF

4E1C80

4E1C80

■ 480F80

■ 542980

■ 410280

■ 5B3680

■ 400080

■ 614280

■ 684F80

■ 6E5C80

■ 746980

■ 7B7680

■ 818280

■ 888F80

# Harmonies

## Analogous

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



003998



4E1C80



7B0056

# Triad

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



4E1C80



5C2B00



004A4C

# Complementary

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



4E1C80



4E801C

# 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.



004919



4E1C80



343D00

# Square

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



4E1C80



7A0000



004500



004A79

# Rectangle

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



4E1C80



860037



004500



004A3B



# Sweetspot

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



4E1C80



9380A6



1C4E80



483D54



D4D4D4



545454



# Same Dimension

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



4E1C80



580AA6



801C80



3D3940



400080



000000



# Inverse Universe

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



801C4E



A60A58



1C801C



40393D



800040

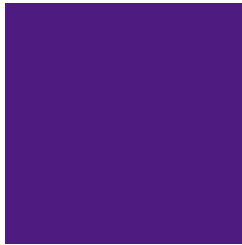


000000



# Previews

## White Background



This preview shows how the Hex color 4E1C80 looks on a white background.

## Color Contrast Check

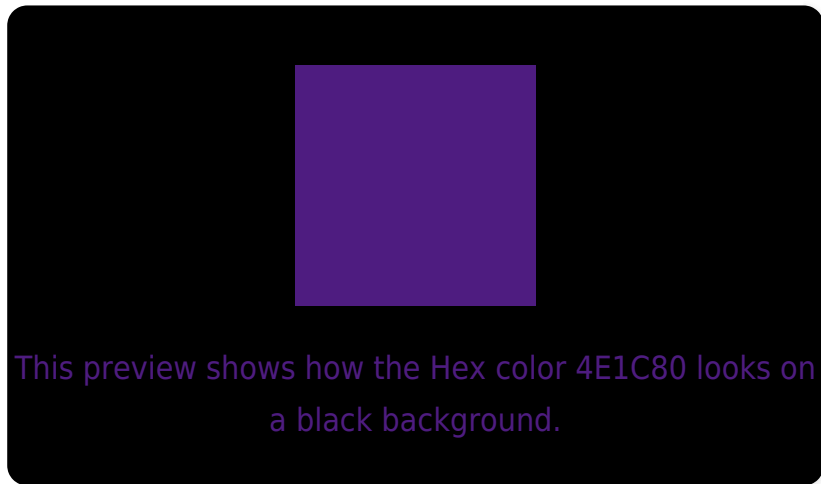
Large Text (above 18pt) WCAG AA ✓ Pass

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

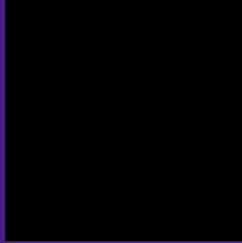
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E1C80 Background



This preview shows how black text looks on a background with the Hex color 4E1C80.



This preview shows how white text looks on a background with the Hex color 4E1C80.

# 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**  
4E1C80

**Protanopia**  
003875

**Deuteranopia**  
003B65



**Tritanopia**  
3F373B

# Trichromacy



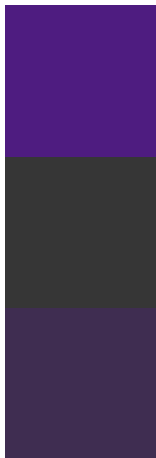
**Original Color**  
4E1C80

**Protanomaly**  
1C2E79

**Deuteranomaly**  
1C306F

**Tritanomaly**  
442D54

# Monochromacy



**Original Color**  
4E1C80

**Achromatopsia**  
363636

**Achromatomaly**  
3F2D51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E1C80 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 #4E1C80 looks like.

```
.text, #text, p{  
    color:#4E1C80  
}
```

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 #4E1C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1C80
}
```

## Border

The CSS property to change the border of an element to Hex 4E1C80 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".

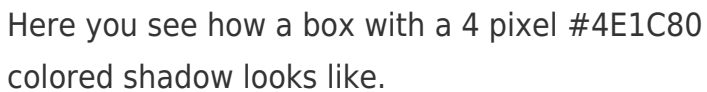
```
.border, #border, table{ border:4px solid
#4E1C80 }
```

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

```
.border{ border-color:#4E1C80 }
```

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

Here you see how a box with a 4 pixel #4E1C80 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1C80; -webkit-box-shadow:4px 4px  
4px 4px #4E1C80; box-shadow:4px 4px 4px  
4px #4E1C80 }
```

# Background

The CSS property to change the background color of an element to Hex 4E1C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1C80 }
```

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

```
.background{ background-color:#4E1C80 }
```

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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