

Converting Colors

Hex(4E0780)

Have a look what the booklet for
Hex(4E0780) contains.

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Color

Hex(4E0780)

Conversions

Conversions Part 1

Format	Color
Hex	4E0780
RGB	78, 7, 128
RGB Percent	31%, 3%, 50%
CMY	0.6941, 0.9725, 0.4980
CMYK	0.39, 0.95, 0.00, 0.50
HSL	275°, 90%, 26%
HSV	275°, 95%, 50%
XYZ	7.1141, 3.3302, 20.6899
YIQ	42.0230, 3.4750, 52.6830

Conversions

Conversions Part 2

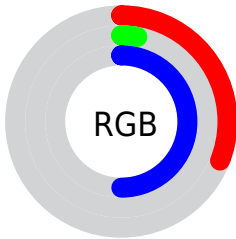
Format	Color
R_{YB}	78, 7, 128
Decimal	5113728
CIE Lab	21.32, 49.85, -50.64
CIE LCh	21, 71.058, 314.553
Yxy	3.3302, 0.2285, 0.1070
Android (android.graphics.Color)	4283303808 (0xFF4E0780)
YUV	42.0230, 42.3867, 31.5518
Hunter-Lab	18.2488, 37.6516, -54.4471

Details

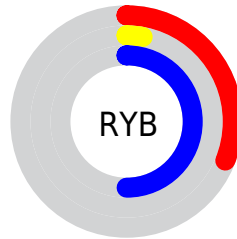
The Hex color **4E0780** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **398007**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8541B6**, and **19004E** is the 20% darker color. If you saturate the color by 10%, you get **4B0080**, and if you desaturate by 10%, it is **531480**.

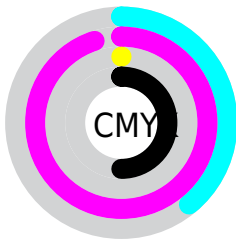
Distribution



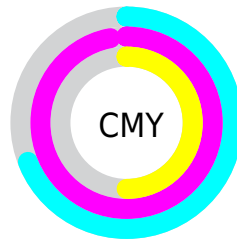
- Red (31%)
- Green (3%)
- Blue (50%)



- Red (31%)
- Yellow (3%)
- Blue (50%)



- Cyan (39%)
- Magenta (95%)
- Yellow (0%)
- Black (50%)



- Cyan (69%)
- Magenta (97%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E0780 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 4E0780 by changing the saturation by 10% instead.

 4E0780

 4E0780

FFFFFF

 330066

 8541B6

 19004E

 A05AD2

 000036

 BD75EE

 00021F

 DA8FFF

 000003

 F7ABFF

 000000

 FFC7FF

 FFE3FF

 4E0780

 4E0780

■ 4B0080

■ 531480

■ 592180

■ 5E2D80

■ 633A80

■ 684780

■ 6E5480

■ 736180

■ 786D80

■ 7E7A80

Harmonies

Analogous

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



00349D



4E0780



7E0051

Triad

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



4E0780



562600



00454D

Complementary

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



4E0780



398007

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.



004414



4E0780



283900

Square

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



4E0780



760000



004100



00467E

Rectangle

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



4E0780



87002E



004100



00453A

Sweetspot

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



4E0780



9377A6



073980



483854



D4D4D4



545454

Same Dimension

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



4E0780



6100A6



800776



3D3940



4B0080



000000

Inverse Universe

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



800739



A60044



078011



40393C



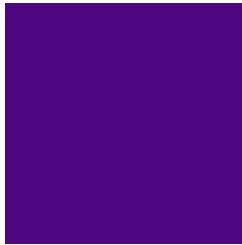
800035



000000

Previews

White Background



This preview shows how the Hex color 4E0780 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

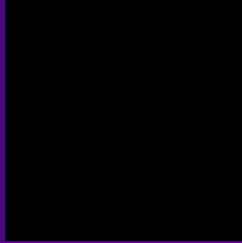
Any Text WCAG AA × Fail

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 4E0780 Background



This preview shows how black text looks on a background with the Hex color 4E0780.



This preview shows how white text looks on a background with the Hex color 4E0780.

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
4E0780

Protanopia
00346D

Deuteranopia
00375E



Tritanopia
3F3236

Trichromacy



Original Color
4E0780

Protanomaly
1C2474

Deuteranomaly
1C266A

Tritanomaly
442251

Monochromacy



Original Color
4E0780

Achromatopsia
2A2A2A

Achromatomaly
371D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E0780 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 #4E0780 looks like.

```
.text, #text, p{  
    color:#4E0780  
}
```

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 #4E0780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0780
}
```

Border

The CSS property to change the border of an element to Hex 4E0780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

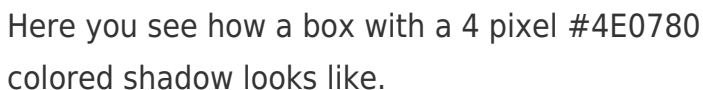
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E0780 }
```

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

```
.border{ border-color:#4E0780 }
```

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



Here you see how a box with a 4 pixel #4E0780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0780; -webkit-box-shadow:4px 4px  
4px 4px #4E0780; box-shadow:4px 4px 4px  
4px #4E0780 }
```

Background

The CSS property to change the background color of an element to Hex 4E0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0780 }
```

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

```
.background{ background-color:#4E0780 }
```

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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