

# Converting Colors

Hex(4E0B87)

Have a look what the booklet for  
Hex(4E0B87) contains.

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# Color

**Hex(4E0B87)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E0B87
RGB	78, 11, 135
RGB Percent	31%, 4%, 53%
CMY	0.6941, 0.9569, 0.4706
CMYK	0.42, 0.92, 0.00, 0.47
HSL	272°, 85%, 29%
HSV	272°, 92%, 53%
XYZ	7.6347, 3.6083, 23.2157
YIQ	45.1690, 0.1280, 52.7680

# Conversions

## Conversions Part 2

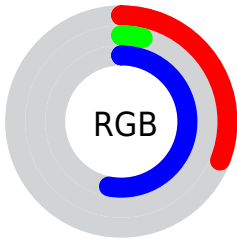
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 11, 135
Decimal	5114759
CIE <sub>Lab</sub>	22.33, 50.51, -53.39
CIE <sub>LCh</sub>	22, 73.500, 313.412
Yxy	3.6083, 0.2216, 0.1047
Android (android.graphics.Color)	4283304839 (0xFF4E0B87)
YUV	45.1690, 44.2867, 28.7928
Hunter-Lab	18.9956, 38.5008, -59.1654

# Details

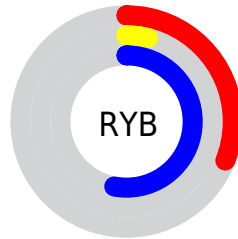
The Hex color **4E0B87** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **44870B**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8543BD**, and **160054** is the 20% darker color. If you saturate the color by 10%, you get **490087**, and if you desaturate by 10%, it is **541987**.

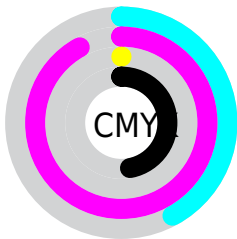
# Distribution



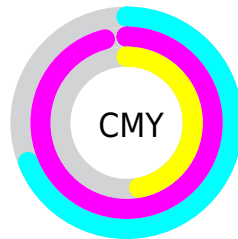
- Red (31%)
- Green (4%)
- Blue (53%)



- Red (31%)
- Yellow (4%)
- Blue (53%)



- Cyan (42%)
- Magenta (92%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (96%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E0B87 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 4E0B87 by changing the saturation by 10% instead.





4E0B87



4E0B87

FFFFFF



32006D



8543BD



160054



A15DDA



00003C



BE77F6



000225



DB92FF



00010D



F8ADFF



000000



FFC9FF



FFE6FF



4E0B87



4E0B87

■ 490087

■ 541987

■ 5A2687

■ 613487

■ 674187

■ 6D4F87

■ 735C87

■ 796A87

■ 807787

■ 868587

# Harmonies

## Analogous

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



0037A4



4E0B87



820056

# Triad

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



4E0B87



5B2700



00484E

# Complementary

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



4E0B87



44870B

# 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.



004612



4E0B87



2C3B00

# Square

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



4E0B87



7C0000



004300



004981

# Rectangle

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



4E0B87



8C0032



004300



00483B



# Sweetspot

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



4E0B87



997FB0



0B4587



4B3B59



D9D9D9



595959



# Same Dimension

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



4E0B87



5F00B0



870B83



3F3C42



460082



010003



# Inverse Universe

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



870B44



B00051



0B870F



423C3F



82003C

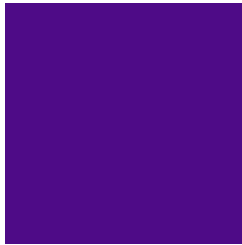


030001



# Previews

## White Background



This preview shows how the Hex color 4E0B87 looks on a white background.

## Color Contrast Check

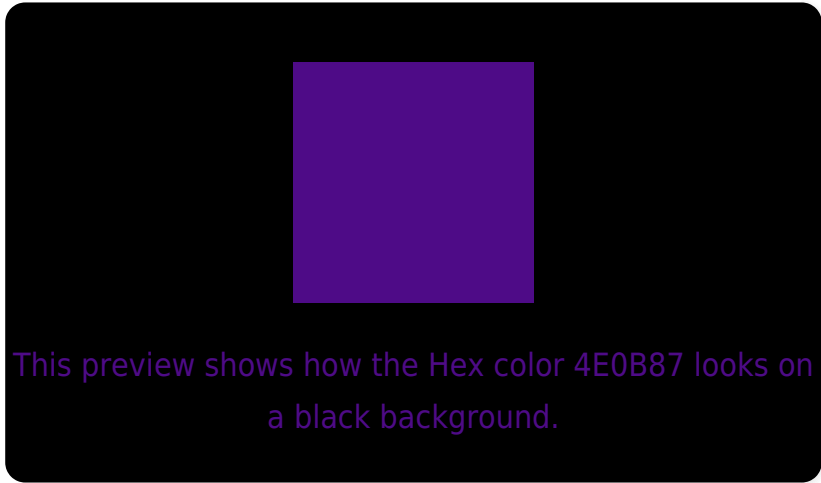
Large Text (above 18pt) WCAG AA ✓ Pass

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

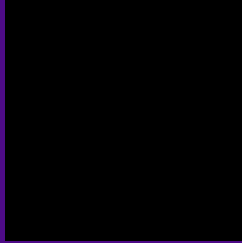
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E0B87 Background



This preview shows how black text looks on a background with the Hex color 4E0B87.



This preview shows how white text looks on a background with the Hex color 4E0B87.

# 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**  
4E0B87

**Protanopia**  
003671

**Deuteranopia**  
003961



**Tritanopia**  
3D3539

# Trichromacy



**Original Color**  
4E0B87

**Protanomaly**  
1C2679

**Deuteranomaly**  
1C286F

**Tritanomaly**  
432655

# Monochromacy



**Original Color**  
4E0B87

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
39214E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E0B87 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 #4E0B87 looks like.

```
.text, #text, p{  
    color:#4E0B87  
}
```

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 #4E0B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0B87
}
```

## Border

The CSS property to change the border of an element to Hex 4E0B87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

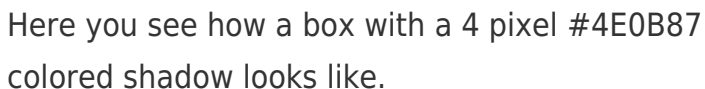
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E0B87 }
```

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

```
.border{ border-color:#4E0B87 }
```

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



Here you see how a box with a 4 pixel #4E0B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0B87; -webkit-box-shadow:4px 4px  
4px 4px #4E0B87; box-shadow:4px 4px 4px  
4px #4E0B87 }
```

# Background

The CSS property to change the background color of an element to Hex 4E0B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0B87 }
```

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

```
.background{ background-color:#4E0B87 }
```

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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