

Converting Colors

Hex(4E4C87)

Have a look what the booklet for
Hex(4E4C87) contains.

Hex(4E4C87)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E4C87)

Conversions

Conversions Part 1

Format	Color
Hex	4E4C87
RGB	78, 76, 135
RGB Percent	31%, 30%, 53%
CMY	0.6941, 0.7020, 0.4706
CMYK	0.42, 0.44, 0.00, 0.47
HSL	242°, 28%, 41%
HSV	242°, 44%, 53%
XYZ	10.0995, 8.5379, 24.0373
YIQ	83.3240, -17.7470, 18.7730

Conversions

Conversions Part 2

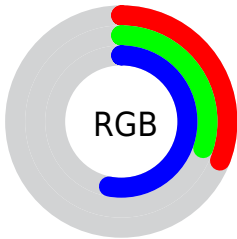
Format	Color
R_{YB}	78, 76, 135
Decimal	5131399
CIE _{Lab}	35.08, 16.66, -32.81
CIE _{LCh}	35, 36.794, 296.915
Yxy	8.5379, 0.2367, 0.2001
Android (android.graphics.Color)	4283321479 (0xFF4E4C87)
YUV	83.3240, 25.4763, -4.6691
Hunter-Lab	29.2196, 10.5627, -28.3208

Details

The Hex color **4E4C87** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **85874C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **827DBD**, and **1B2055** is the 20% darker color. If you saturate the color by 10%, you get **413F87**, and if you desaturate by 10%, it is **5B5A87**.

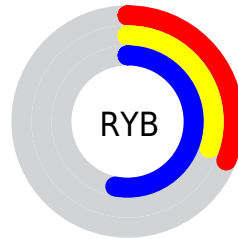
Distribution



Red (31%)

Green (30%)

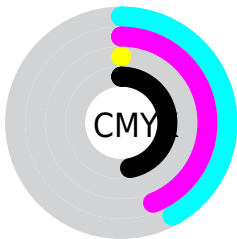
Blue (53%)



Red (31%)

Yellow (30%)

Blue (53%)

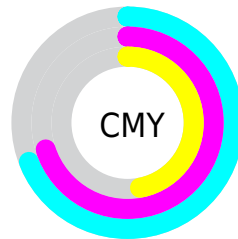


Cyan (42%)

Magenta (44%)

Yellow (0%)

Black (47%)



Cyan (69%)

Magenta (70%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4C87 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 4E4C87 by changing the saturation by 10% instead.



4E4C87



4E4C87

FFFFFF



35356D



827DBD



1B2055



9D97D9



000B3D



B8B1F5



000327



D4CDFF



000110



F1E9FF



000000



4E4C87



4E4C87



413F87



5B5A87



343187



686787

■ 272487

■ 757587

■ 1A1687

■ 828287

■ 0D0987

■ 8F9087

■ 050087

■ 9C9D87

■ A9AB87

■ B6B887

■ C3C687

Harmonies

Analogous

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



00578D



4E4C87



734073

Triad

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



4E4C87



7B4521



00614E

Complementary

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



4E4C87



85874C

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.



205E31



4E4C87



655013

Square

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



4E4C87



873A3A



48591A



00606C

Rectangle

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



4E4C87



823961



48591A



006044

Sweetspot

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



4E4C87



9A99B0



4C8587



4B4B59



D9D9D9



595959

Same Dimension

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



4E4C87



5854B0



6B4C87



3C3C42



040082



000003

Inverse Universe

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



874C85



B054AD



68874C



423C42



82007E



030002

Previews

White Background



This preview shows how the Hex color 4E4C87 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

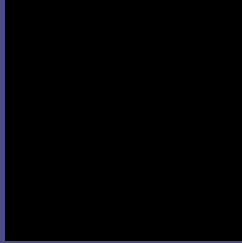
Any Text WCAG AA × Fail

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 4E4C87 Background



This preview shows how black text looks on a background with the Hex color 4E4C87.



This preview shows how white text looks on a background with the Hex color 4E4C87.

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](#).

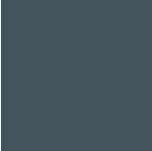
Dichromacy



Original Color
4E4C87

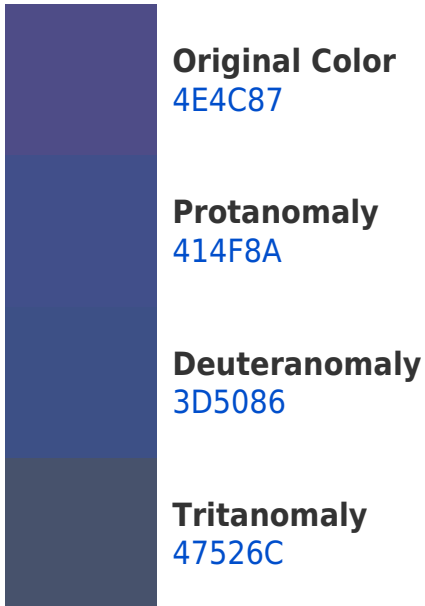
Protanopia
3A518B

Deuteranopia
345385

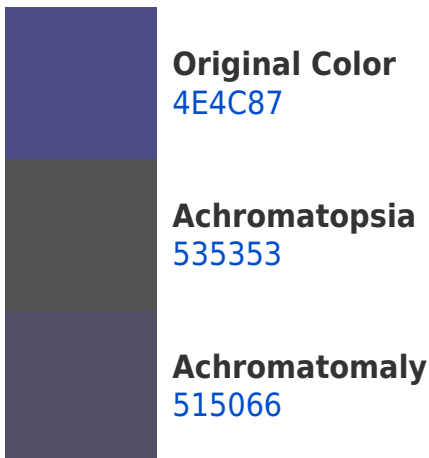


Tritanopia
43555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4C87 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 #4E4C87 looks like.

```
.text, #text, p{  
  color:#4E4C87  
}
```

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 #4E4C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4C87
}
```

Border

The CSS property to change the border of an element to Hex 4E4C87 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
#4E4C87 }
```

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

```
.border{ border-color:#4E4C87 }
```

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

Here you see how a box with a 4 pixel #4E4C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4C87; -webkit-box-shadow:4px 4px  
4px 4px #4E4C87; box-shadow:4px 4px 4px  
4px #4E4C87 }
```

Background

The CSS property to change the background color of an element to Hex 4E4C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4C87 }
```

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

```
.background{ background-color:#4E4C87 }
```

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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