

Converting Colors

Hex(4E4994)

Have a look what the booklet for
Hex(4E4994) contains.

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Color

Hex(4E4994)

Conversions

Conversions Part 1

Format	Color
Hex	4E4994
RGB	78, 73, 148
RGB Percent	31%, 29%, 58%
CMY	0.6941, 0.7137, 0.4196
CMYK	0.47, 0.51, 0.00, 0.42
HSL	244°, 34%, 43%
HSV	244°, 51%, 58%
XYZ	10.8697, 8.5229, 29.0892
YIQ	83.0450, -21.0950, 24.3850

Conversions

Conversions Part 2

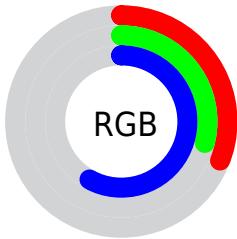
Format	Color
R _Y B	78, 73, 148
Decimal	5130644
CIE Lab	35.05, 22.66, -40.80
CIE LCh	35, 46.665, 299.047
Yxy	8.5229, 0.2242, 0.1758
Android (android.graphics.Color)	4283320724 (0xFF4E4994)
YUV	83.0450, 32.0228, -4.4245
Hunter-Lab	29.1940, 15.3709, -38.6412

Details

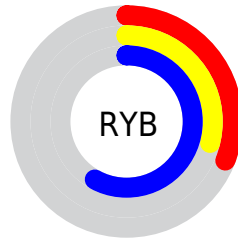
The Hex color **4E4994** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8F9449**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **837ACB**, and **161D61** is the 20% darker color. If you saturate the color by 10%, you get **403A94**, and if you desaturate by 10%, it is **5C5894**.

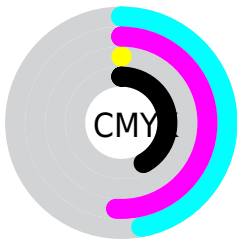
Distribution



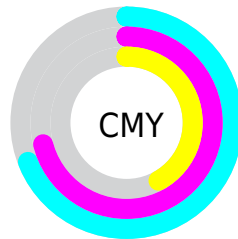
- Red (31%)
- Green (29%)
- Blue (58%)



- Red (31%)
- Yellow (29%)
- Blue (58%)



- Cyan (47%)
- Magenta (51%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (71%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4994 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 4E4994 by changing the saturation by 10% instead.



4E4994



4E4994

FFFFFF



33327A



837ACB



161D61



9F93E7



000848



BBAEFF



000331



D7C9FF



00011B



F4E6FF



000000



4E4994



4E4994



403A94



5C5894



322B94



6A6794

■ 251D94

■ 777594

■ 170E94

■ 858494

■ 0A0094

■ 939394

■ A1A294

■ AFB194

■ BDBF94

■ CACE94

Harmonies

Analogous

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



00579D



4E4994



7E3779

Triad

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



4E4994



81410F



006350

Complementary

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



4E4994



8F9449

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.



00612A



4E4994



655000

Square

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



4E4994



923131



405B03



006376

Rectangle

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



4E4994



8E2D62



405B03



006343

Sweetspot

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



4E4994



A4A3BF



498F94



514F61



E0E0E0



616161

Same Dimension

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



4E4994



524BBF



734994



43434A



09008A



01000A

Inverse Universe

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



94498F



BF4BB7



6A9449



4A4349



8A0081



0A000A

Previews

White Background



This preview shows how the Hex color 4E4994 looks on a white background.

Color Contrast Check

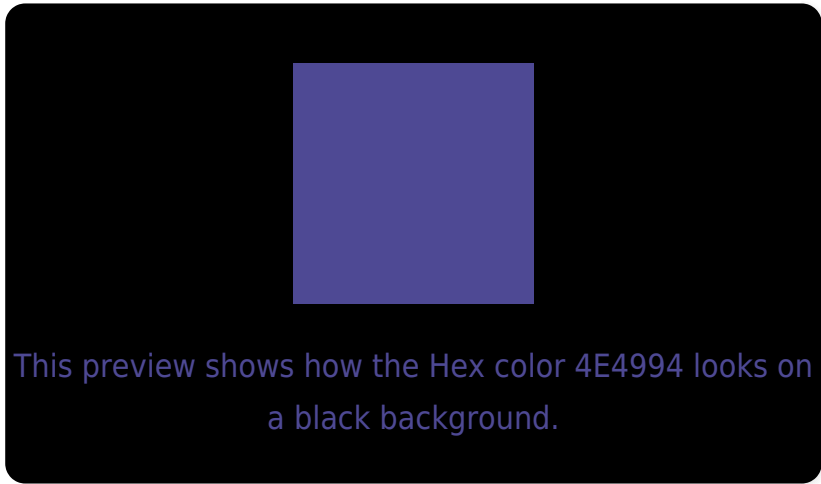
Large Text (above 18pt) WCAG AA ✓ Pass

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

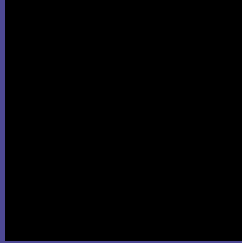
Any Text WCAG AA × Fail

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 4E4994 Background



This preview shows how black text looks on a background with the Hex color 4E4994.



This preview shows how white text looks on a background with the Hex color 4E4994.

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](#).

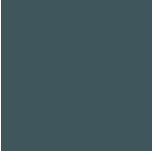
Dichromacy



Original Color
4E4994

Protanopia
2A509B

Deuteranopia
1A5492



Tritanopia
3F565D

Trichromacy



Original Color
4E4994

Protanomaly
374D98

Deuteranomaly
2D5093

Tritanomaly
445171

Monochromacy



Original Color
4E4994

Achromatopsia
535353

Achromatomaly
514F6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4994 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 #4E4994 looks like.

```
.text, #text, p{  
    color:#4E4994  
}
```

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 #4E4994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4994
}
```

Border

The CSS property to change the border of an element to Hex 4E4994 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
#4E4994 }
```

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

```
.border{ border-color:#4E4994 }
```

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

Here you see how a box with a 4 pixel #4E4994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4994; -webkit-box-shadow:4px 4px  
4px 4px #4E4994; box-shadow:4px 4px 4px  
4px #4E4994 }
```

Background

The CSS property to change the background color of an element to Hex 4E4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4994 }
```

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

```
.background{ background-color:#4E4994 }
```

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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