

Converting Colors

Hex(4E4793)

Have a look what the booklet for
Hex(4E4793) contains.

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Color

Hex(4E4793)

Conversions

Conversions Part 1

Format	Color
Hex	4E4793
RGB	78, 71, 147
RGB Percent	31%, 28%, 58%
CMY	0.6941, 0.7216, 0.4235
CMYK	0.47, 0.52, 0.00, 0.42
HSL	246°, 35%, 43%
HSV	246°, 52%, 58%
XYZ	10.6616, 8.2328, 28.6309
YIQ	81.7570, -20.2240, 25.1200

Conversions

Conversions Part 2

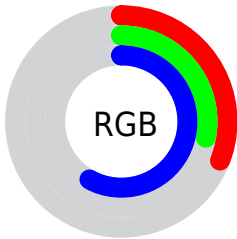
Format	Color
R_{YB}	78, 71, 147
Decimal	5130131
CIE _{Lab}	34.46, 23.62, -41.13
CIE _{LCh}	34, 47.428, 299.875
Yxy	8.2328, 0.2243, 0.1732
Android (android.graphics.Color)	4283320211 (0xFF4E4793)
YUV	81.7570, 32.1648, -3.2949
Hunter-Lab	28.6928, 16.1141, -39.0772

Details

The Hex color **4E4793** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8C9347**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8378CA**, and **161B60** is the 20% darker color. If you saturate the color by 10%, you get **413893**, and if you desaturate by 10%, it is **5B5693**.

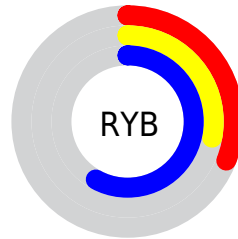
Distribution



Red (31%)

Green (28%)

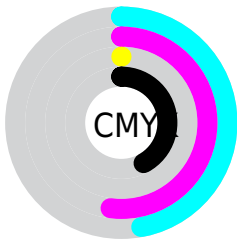
Blue (58%)



Red (31%)

Yellow (28%)

Blue (58%)

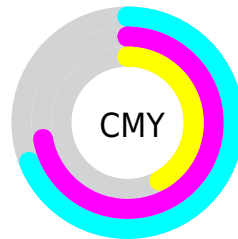


Cyan (47%)

Magenta (52%)

Yellow (0%)

Black (42%)



Cyan (69%)

Magenta (72%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4793 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 4E4793 by changing the saturation by 10% instead.

■ 4E4793

■ 4E4793

FFFFFF

■ 333079

■ 8378CA

■ 161B60

■ 9F91E6

■ 000547

■ BBACFF

■ 000430

■ D7C7FF

■ 00011A

■ F4E3FF

■ 000000

■ 4E4793

■ 4E4793

■ 413893

■ 5B5693

■ 332A93

■ 696493

■ 261B93

■ 767393

■ 190C93

■ 838293

■ 0E0093

■ 919193

■ 9E9F93

■ ABAE93

■ B9BD93

■ C6CB93

Harmonies

Analogous

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



00569D



4E4793



7E3478

Triad

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



4E4793



7F400A



006250

Complementary

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



4E4793



8C9347

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.



005F29



4E4793



624F00

Square

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



4E4793



912F2E



3D5A01



006276

Rectangle

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



4E4793



8E2A60



3D5A01



006143

Sweetspot

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



4E4793



A3A1BF



478D93



504E61



E0E0E0



616161

Same Dimension

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



4E4793



5449BF



734793



43434A



0D008A



01000A

Inverse Universe

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



93478C



BF49B4



679347



4A4349



8A007D



0A0009

Previews

White Background



This preview shows how the Hex color 4E4793 looks on a white background.

Color Contrast Check

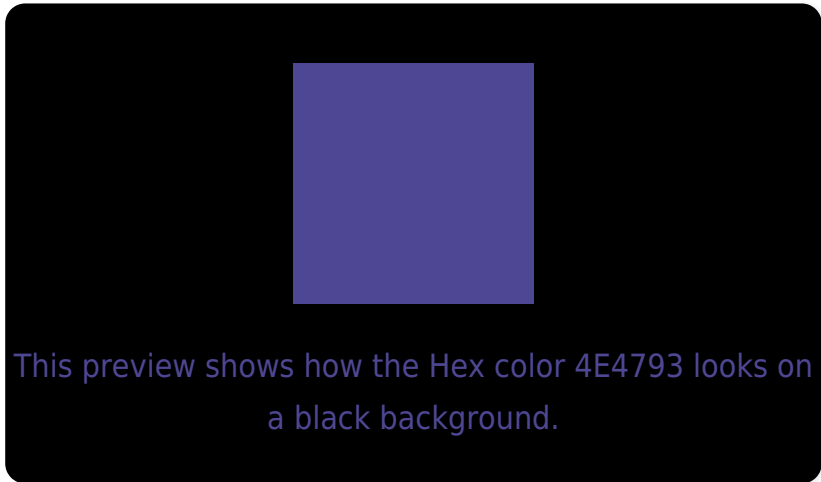
Large Text (above 18pt) WCAG AA ✓ Pass

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

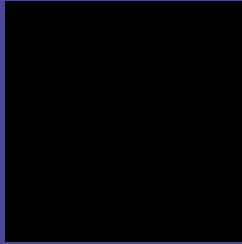
Any Text WCAG AA × Fail

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 4E4793 Background



This preview shows how black text looks on a background with the Hex color 4E4793.

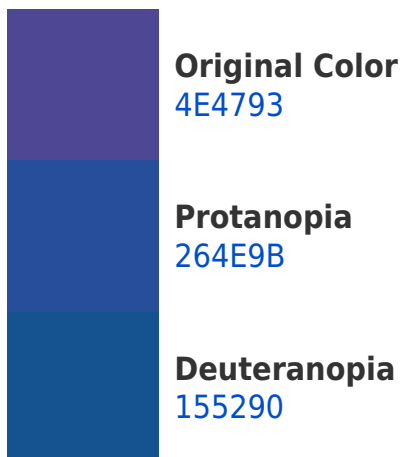


This preview shows how white text looks on a background with the Hex color 4E4793.

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](#).

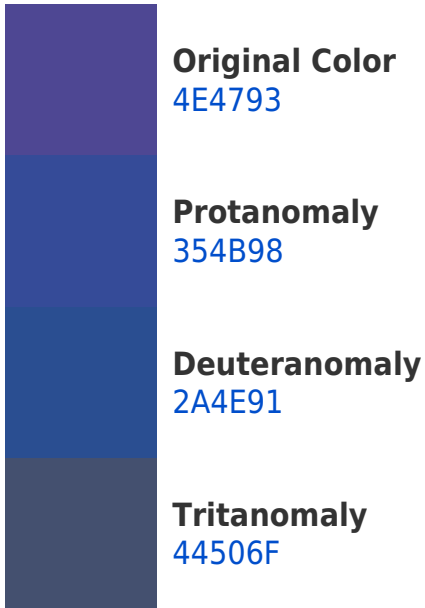
Dichromacy



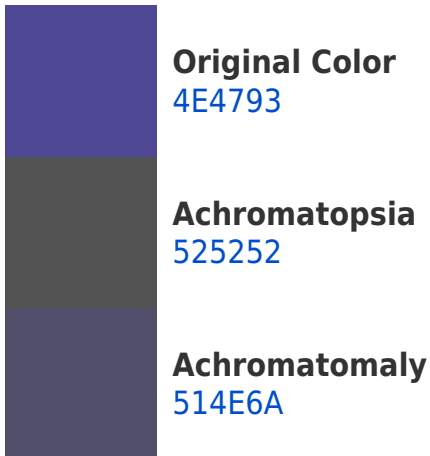


Tritanopia
3E555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4793 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 #4E4793 looks like.

```
.text, #text, p{  
    color:#4E4793  
}
```

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 #4E4793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4793
}
```

Border

The CSS property to change the border of an element to Hex 4E4793 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
#4E4793 }
```

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

```
.border{ border-color:#4E4793 }
```

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

Here you see how a box with a 4 pixel #4E4793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4793; -webkit-box-shadow:4px 4px  
4px 4px #4E4793; box-shadow:4px 4px 4px  
4px #4E4793 }
```

Background

The CSS property to change the background color of an element to Hex 4E4793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4793 }
```

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

```
.background{ background-color:#4E4793 }
```

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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