

Converting Colors

Hex(4E4689)

Have a look what the booklet for
Hex(4E4689) contains.

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Color

Hex(4E4689)

Conversions

Conversions Part 1

Format	Color
Hex	4E4689
RGB	78, 70, 137
RGB Percent	31%, 27%, 54%
CMY	0.6941, 0.7255, 0.4627
CMYK	0.43, 0.49, 0.00, 0.46
HSL	247°, 32%, 41%
HSV	247°, 49%, 54%
XYZ	9.8474, 7.8062, 24.6546
YIQ	80.0300, -16.7390, 22.5330

Conversions

Conversions Part 2

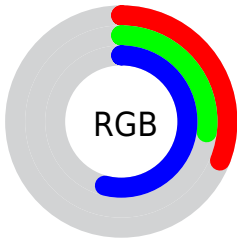
Format	Color
R_{YB}	78, 70, 137
Decimal	5129865
CIE _{Lab}	33.58, 21.15, -36.43
CIE _{LCh}	34, 42.119, 300.137
Yxy	7.8062, 0.2328, 0.1845
Android (android.graphics.Color)	4283319945 (0xFF4E4689)
YUV	80.0300, 28.0862, -1.7803
Hunter-Lab	27.9395, 14.0190, -32.7616

Details

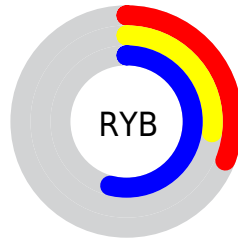
The Hex color **4E4689** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **818946**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8276BF**, and **1A1B56** is the 20% darker color. If you saturate the color by 10%, you get **423889**, and if you desaturate by 10%, it is **5A5489**.

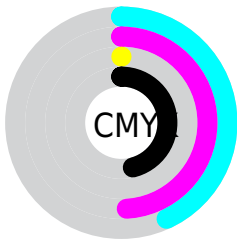
Distribution



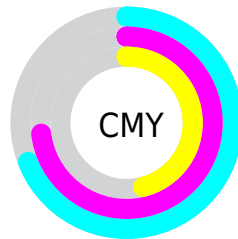
- Red (31%)
- Green (27%)
- Blue (54%)



- Red (31%)
- Yellow (27%)
- Blue (54%)



- Cyan (43%)
- Magenta (49%)
- Yellow (0%)
- Black (46%)



- Cyan (69%)
- Magenta (73%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4689 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 4E4689 by changing the saturation by 10% instead.



4E4689



4E4689

FFFFFF



34306F



8276BF



1A1B56



9D90DB



00023F



B9ABF8



000328



D5C6FF



000112



F2E2FF



000000



4E4689



4E4689



423889



5A5489



362B89



666189

■ 2A1D89

■ 726F89

■ 1E0F89

■ 7E7D89

■ 120289

■ 8A8B89

■ 100089

■ 969889

■ A2A689

■ AFB489

■ BBC189

Harmonies

Analogous

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



005392



4E4689



773771

Triad

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



4E4689



794013



005E4E

Complementary

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



4E4689



818946

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.



005C2C



4E4689



5F4D00

Square

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



4E4689



883330



3E570D



005E70

Rectangle

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



4E4689



852F5B



3E570D



005E42

Sweetspot

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



4E4689



9B98B3



468189



4B4959



D9D9D9



595959

Same Dimension

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



4E4689



5649B3



6F4689



3F3E45



100085



010005

Inverse Universe

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



894681



B349A6



608946



453E44



850075



050004

Previews

White Background



This preview shows how the Hex color 4E4689 looks on a white background.

Color Contrast Check

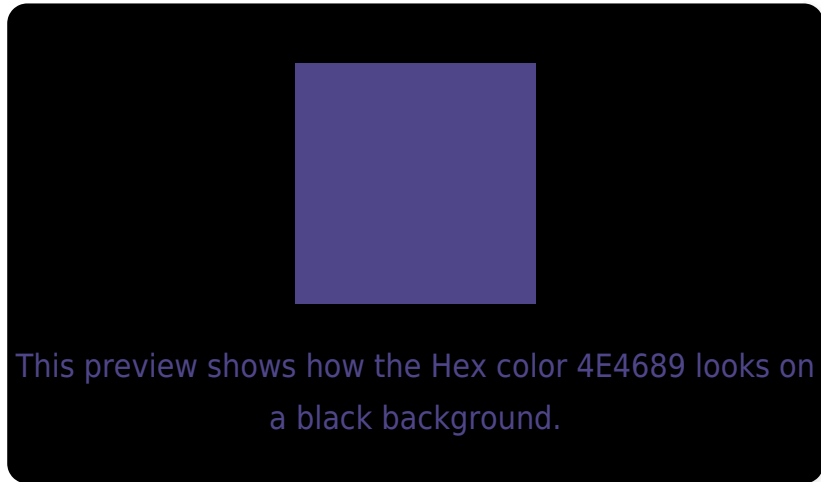
Large Text (above 18pt) WCAG AA ✓ Pass

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

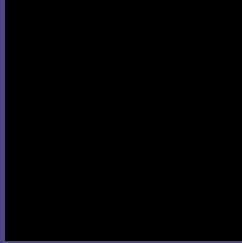
Any Text WCAG AA × Fail

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 4E4689 Background



This preview shows how black text looks on a background with the Hex color 4E4689.



This preview shows how white text looks on a background with the Hex color 4E4689.

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](#).

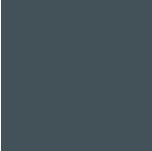
Dichromacy



Original Color
4E4689

Protanopia
2E4D90

Deuteranopia
265087



Tritanopia
425258

Trichromacy



Original Color
4E4689

Protanomaly
3A4A8D

Deuteranomaly
354C88

Tritanomaly
464E6A

Monochromacy



Original Color
4E4689

Achromatopsia
505050

Achromatomaly
4F4C65

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4689 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 #4E4689 looks like.

```
.text, #text, p{  
    color:#4E4689  
}
```

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 #4E4689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4689
}
```

Border

The CSS property to change the border of an element to Hex 4E4689 is called "border". The border property can be set on classes, ids or directly on the HTML element.

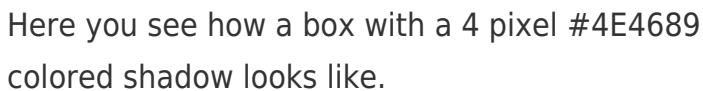
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E4689 }
```

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

```
.border{ border-color:#4E4689 }
```

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



Here you see how a box with a 4 pixel #4E4689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4689; -webkit-box-shadow:4px 4px  
4px 4px #4E4689; box-shadow:4px 4px 4px  
4px #4E4689 }
```

Background

The CSS property to change the background color of an element to Hex 4E4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4689 }
```

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

```
.background{ background-color:#4E4689 }
```

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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