

Converting Colors

Hex(4E4682)

Have a look what the booklet for
Hex(4E4682) contains.

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Color

Hex(4E4682)

Conversions

Conversions Part 1

Format	Color
Hex	4E4682
RGB	78, 70, 130
RGB Percent	31%, 27%, 51%
CMY	0.6941, 0.7255, 0.4902
CMYK	0.40, 0.46, 0.00, 0.49
HSL	248°, 30%, 39%
HSV	248°, 46%, 51%
XYZ	9.3613, 7.6117, 22.0949
YIQ	79.2320, -14.4920, 20.3560

Conversions

Conversions Part 2

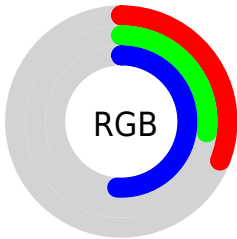
Format	Color
R_{YB}	78, 70, 130
Decimal	5129858
CIE _{Lab}	33.16, 19.01, -32.77
CIE _{LCh}	33, 37.881, 300.115
Yxy	7.6117, 0.2396, 0.1948
Android (android.graphics.Color)	4283319938 (0xFF4E4682)
YUV	79.2320, 25.0286, -1.0805
Hunter-Lab	27.5894, 12.2852, -28.1698

Details

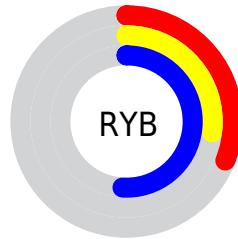
The Hex color **4E4682** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7A8246**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8276B7**, and **1C1B50** is the 20% darker color. If you saturate the color by 10%, you get **433982**, and if you desaturate by 10%, it is **595382**.

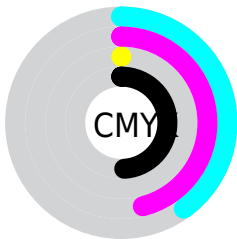
Distribution



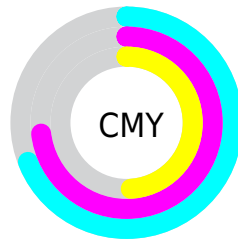
- Red (31%)
- Green (27%)
- Blue (51%)



- Red (31%)
- Yellow (27%)
- Blue (51%)



- Cyan (40%)
- Magenta (46%)
- Yellow (0%)
- Black (49%)



- Cyan (69%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4682 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 4E4682 by changing the saturation by 10% instead.

■ 4E4682

■ 4E4682

FFFFFF

■ 353069

■ 8276B7

■ 1C1B50

■ 9C90D3

■ 040139

■ B8ABF0

■ 000223

■ D4C6FF

■ 000009

■ F1E2FF

■ 000000

■ 4E4682

■ 4E4682

■ 433982

■ 595382

■ 372C82

■ 656082

■ 2C1F82

■ 706D82

■ 211282

■ 7B7A82

■ 160582

■ 868782

■ 110082

■ 929482

■ 9DA182

■ A8AE82

■ B3BB82

Harmonies

Analogous

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



00518A



4E4682



72396C

Triad

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



4E4682



754119



005C4D

Complementary

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



4E4682



7A8246

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.



105A2F



4E4682



5D4D0B

Square

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



4E4682



823632



3F5515



005C6B

Rectangle

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



4E4682



7F3359



3F5515



005C43

Sweetspot

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



4E4682



9491A8



467A82



484654



D4D4D4



545454

Same Dimension

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



4E4682



584CA8



6C4682



3A3940



110080



000000

Inverse Universe

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



82467A



A84C9C



5C8246



40393F



80006F



000000

Previews

White Background



This preview shows how the Hex color 4E4682 looks on a white background.

Color Contrast Check

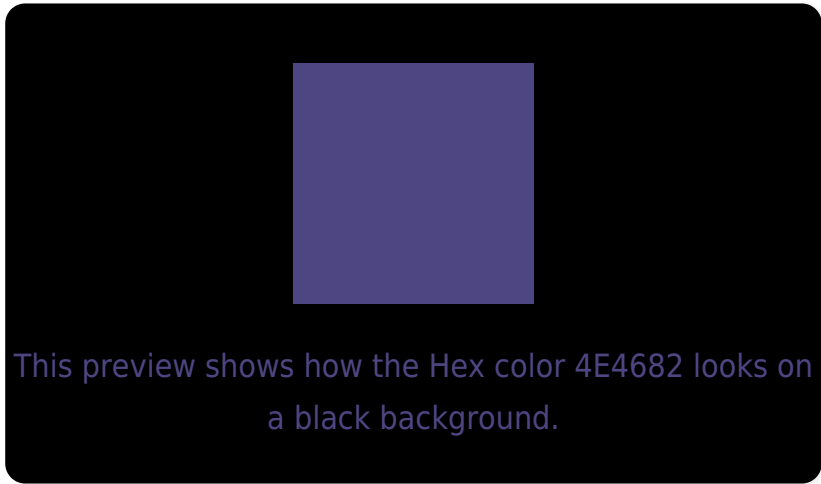
Large Text (above 18pt) WCAG AA ✓ Pass

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

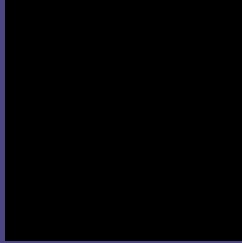
Any Text WCAG AA × Fail

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 4E4682 Background



This preview shows how black text looks on a background with the Hex color 4E4682.



This preview shows how white text looks on a background with the Hex color 4E4682.

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](#).

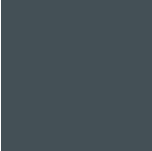
Dichromacy



Original Color
4E4682

Protanopia
334C88

Deuteranopia
2E4E80



Tritanopia
445056

Trichromacy



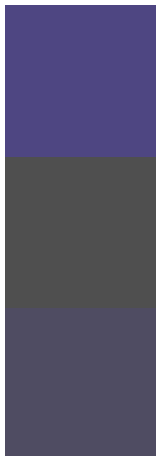
Original Color
4E4682

Protanomaly
3D4A86

Deuteranomaly
3A4B81

Tritanomaly
484C66

Monochromacy



Original Color
4E4682

Achromatopsia
4F4F4F

Achromatomaly
4F4C62

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4682 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 #4E4682 looks like.

```
.text, #text, p{  
    color:#4E4682  
}
```

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 #4E4682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4682
}
```

Border

The CSS property to change the border of an element to Hex 4E4682 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".

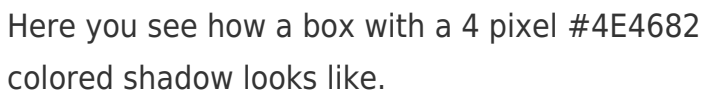
```
.border, #border, table{ border:4px solid
#4E4682 }
```

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

```
.border{ border-color:#4E4682 }
```

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

Here you see how a box with a 4 pixel #4E4682 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4682; -webkit-box-shadow:4px 4px  
4px 4px #4E4682; box-shadow:4px 4px 4px  
4px #4E4682 }
```

Background

The CSS property to change the background color of an element to Hex 4E4682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4682 }
```

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

```
.background{ background-color:#4E4682 }
```

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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