

Converting Colors

Hex(4E436F)

Have a look what the booklet for
Hex(4E436F) contains.

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Color

Hex(4E436F)

Conversions

Conversions Part 1

Format	Color
Hex	4E436F
RGB	78, 67, 111
RGB Percent	31%, 26%, 44%
CMY	0.6941, 0.7373, 0.5647
CMYK	0.30, 0.40, 0.00, 0.56
HSL	255°, 25%, 35%
HSV	255°, 40%, 44%
XYZ	8.0183, 6.7817, 15.9253
YIQ	75.3050, -7.5680, 16.0160

Conversions

Conversions Part 2

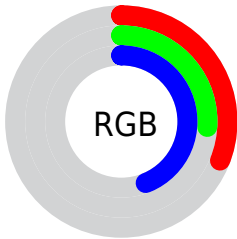
Format	Color
R_{YB}	78, 67, 111
Decimal	5129071
CIE _{Lab}	31.30, 15.39, -23.82
CIE _{LCh}	31, 28.355, 302.871
Yxy	6.7817, 0.2610, 0.2207
Android (android.graphics.Color)	4283319151 (0xFF4E436F)
YUV	75.3050, 17.5976, 2.3635
Hunter-Lab	26.0417, 9.3874, -18.0285

Details

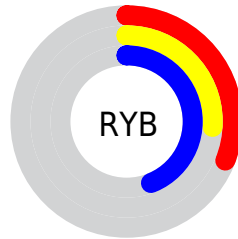
The Hex color **4E436F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **646F43**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8073A3**, and **1F183F** is the 20% darker color. If you saturate the color by 10%, you get **46386F**, and if you desaturate by 10%, it is **564E6F**.

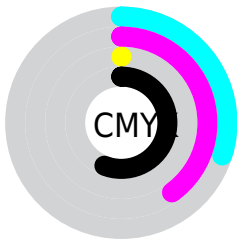
Distribution



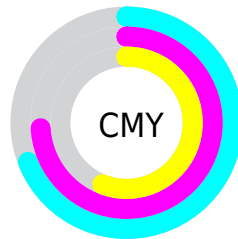
- Red (31%)
- Green (26%)
- Blue (44%)



- Red (31%)
- Yellow (26%)
- Blue (44%)



- Cyan (30%)
- Magenta (40%)
- Yellow (0%)
- Black (56%)



- Cyan (69%)
- Magenta (74%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E436F 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 4E436F by changing the saturation by 10% instead.

■ 4E436F

■ 4E436F

FFFFFF

■ 362D56

■ 8073A3

■ 1F183F

■ 9B8DBE

■ 0D0029

■ B6A7DA

■ 000113

■ D2C2F7

■ 000000

■ EEDEFF

■ FFFBFF

■ 4E436F

■ 4E436F

■ 46386F

■ 564E6F

■ 3D2D6F

■ 5F596F

■ 35226F

■ 67646F

■ 2D176F

■ 6F6F6F

■ 240C6F

■ 787B6F

■ 1C006F

■ 80866F

■ 88916F

■ 919C6F

■ 99A76F

Harmonies

Analogous

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



264B76



4E436F



673B5E

Triad

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



4E436F



674122



00554B

Complementary

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



4E436F



646F43

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.



205335



4E436F



55491C

Square

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



4E436F



723A33



3E4F23



005461

Rectangle

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



4E436F



703750



3E4F23



005543

Sweetspot

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



4E436F



848091



43646F



42404A



C9C9C9



4A4A4A

Same Dimension

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



4E436F



5D4C91



64436F



343238



1E0078



3E00F7

Inverse Universe

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



6F4364



914C80



4E6F43



383237



78005A



F700BA

Previews

White Background



This preview shows how the Hex color 4E436F looks on a white background.

Color Contrast Check

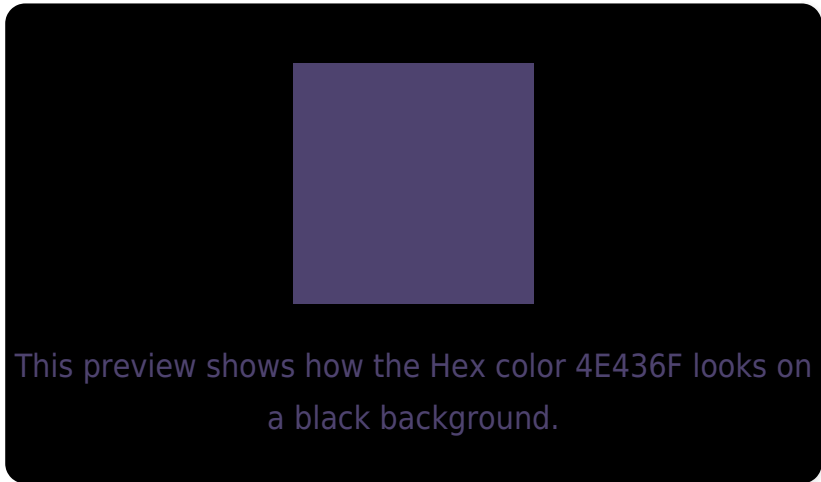
Large Text (above 18pt) WCAG AA ✓ Pass

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

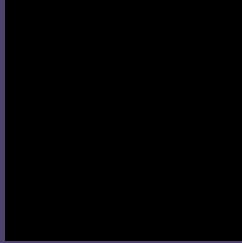
Any Text WCAG AA × Fail

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 4E436F Background



This preview shows how black text looks on a background with the Hex color 4E436F.



This preview shows how white text looks on a background with the Hex color 4E436F.

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](#).

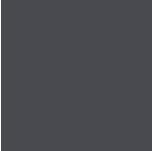
Dichromacy



Original Color
4E436F

Protanopia
3A4874

Deuteranopia
3A496E



Tritanopia
484A50

Trichromacy



Original Color
4E436F

Protanomaly
414672

Deuteranomaly
41476E

Tritanomaly
4A475B

Monochromacy



Original Color
4E436F

Achromatopsia
4B4B4B

Achromatomaly
4C4858

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E436F 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 #4E436F looks like.

```
.text, #text, p{  
    color:#4E436F  
}
```

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 #4E436F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E436F
}
```

Border

The CSS property to change the border of an element to Hex 4E436F is called "border". The border property can be set on classes, ids or directly on the HTML element.

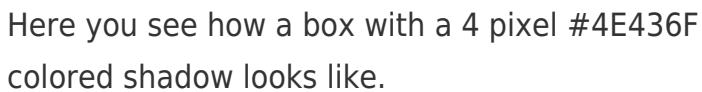
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E436F }
```

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

```
.border{ border-color:#4E436F }
```

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



Here you see how a box with a 4 pixel #4E436F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E436F; -webkit-box-shadow:4px 4px  
4px 4px #4E436F; box-shadow:4px 4px 4px  
4px #4E436F }
```

Background

The CSS property to change the background color of an element to Hex 4E436F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E436F }
```

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

```
.background{ background-color:#4E436F }
```

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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