

Converting Colors

Hex(43006E)

Have a look what the booklet for
Hex(43006E) contains.

Hex(43006E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(43006E)

Conversions

Conversions Part 1

Format	Color
Hex	43006E
RGB	67, 0, 110
RGB Percent	26%, 0%, 43%
CMY	0.7373, 1.0000, 0.5686
CMYK	0.39, 1.00, 0.00, 0.57
HSL	277°, 100%, 22%
HSV	277°, 100%, 43%
XYZ	5.1292, 2.3191, 14.9291
YIQ	32.5730, 4.6220, 48.4140

Conversions

Conversions Part 2

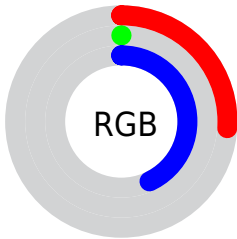
Format	Color
RYB	67, 0, 110
Decimal	4391022
CIELab	17.08, 46.36, -46.10
CIELCh	17, 65.378, 315.164
Yxy	2.3191, 0.2292, 0.1036
Android (android.graphics.Color)	4282581102 (0xFF43006E)
YUV	32.5730, 38.1715, 30.1925
Hunter-Lab	15.2285, 33.4717, -47.4644

Details

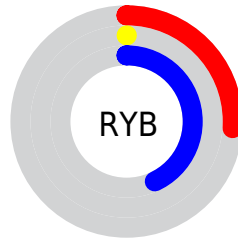
The Hex color **43006E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2B6E00**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **7839A3**, and **0F003D** is the 20% darker color. If you saturate the color by 10%, you get **43006E**, and if you desaturate by 10%, it is **470B6E**.

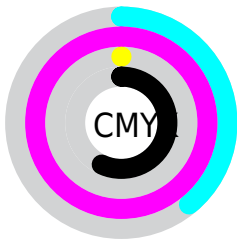
Distribution



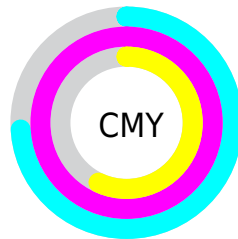
- Red (26%)
- Green (0%)
- Blue (43%)



- Red (26%)
- Yellow (0%)
- Blue (43%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (74%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43006E 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 43006E by changing the saturation by 10% instead.

 43006E

 43006E

 FFF6FF

 280055

 7839A3

 0F003D

 9452BE

 000326

 B06CDA

 00010F

 CC86F7

 000000

 E9A1FF

 FFBDFE

 FFD9FF

 43006E

■ 470B6E

■ 4C166E

■ 50216E

■ 542C6E

■ 59376E

■ 5D426E

■ 614D6E

■ 65586E

■ 6A636E

Harmonies

Analogous

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



002A88



43006E



6D0043

Triad

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



43006E



481F00



003B42

Complementary

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



43006E



2B6E00

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.



00390F



43006E



1E2F00

Square

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



43006E



650000



003600



003B6E

Rectangle

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



43006E



740025



003600



003A31

Sweetspot

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



43006E



7E648F



002C6E



3D2E47



C7C7C7



474747

Same Dimension

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



43006E



57008F



6E0063



363238



490078



9700F7

Inverse Universe

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



6E002B



8F0038



006E0B



383235



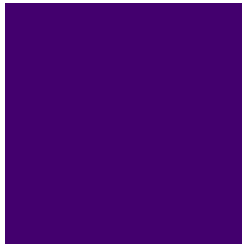
78002F



F70061

Previews

White Background



This preview shows how the Hex color 43006E looks on a white background.

Color Contrast Check

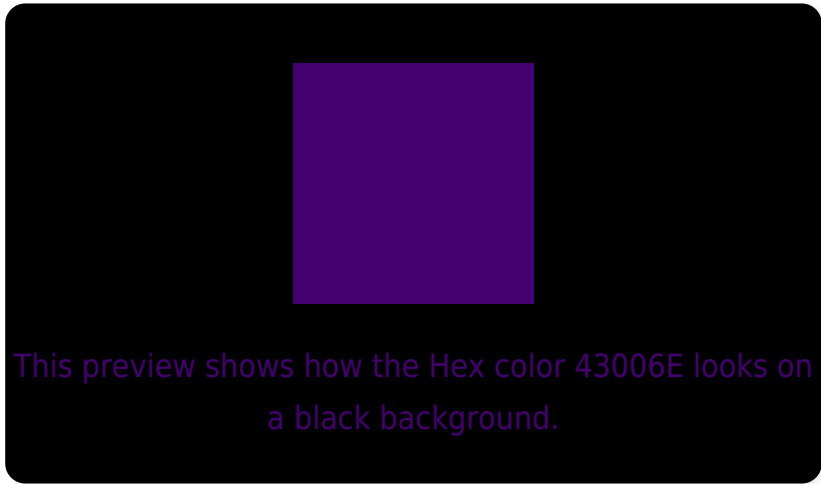
Large Text (above 18pt) WCAG AA ✓ Pass

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

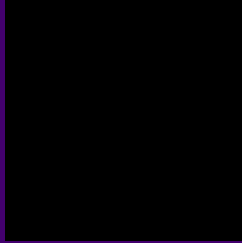
Any Text WCAG AA × Fail

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 43006E Background



This preview shows how black text looks on a background with the Hex color 43006E.



This preview shows how white text looks on a background with the Hex color 43006E.

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
43006E

Protanopia
002C5D

Deuteranopia
002F50



Tritanopia
362B2E

Trichromacy



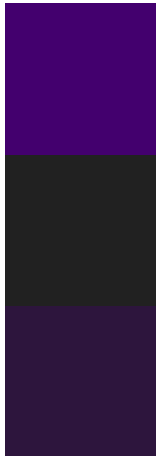
Original Color
43006E

Protanomaly
181C63

Deuteranomaly
181E5B

Tritanomaly
3B1B45

Monochromacy



Original Color
43006E

Achromatopsia
212121

Achromatomaly
2D153D

CSS Examples

Text

The CSS property to change the color of the text to Hex 43006E 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 #43006E looks like.

```
.text, #text, p{  
    color:#43006E  
}
```

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 #43006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43006E
}
```

Border

The CSS property to change the border of an element to Hex 43006E is called "border". The border property can be set on classes, ids or directly on the HTML element.

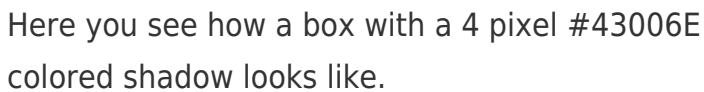
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#43006E }
```

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

```
.border{ border-color:#43006E }
```

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



Here you see how a box with a 4 pixel #43006E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43006E; -webkit-box-shadow:4px 4px  
4px 4px #43006E; box-shadow:4px 4px 4px  
4px #43006E }
```

Background

The CSS property to change the background color of an element to Hex 43006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43006E }
```

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

```
.background{ background-color:#43006E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor