

# Converting Colors

Hex(44306F)

Have a look what the booklet for  
Hex(44306F) contains.

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# Color

**Hex(44306F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	44306F
RGB	68, 48, 111
RGB Percent	27%, 19%, 44%
CMY	0.7333, 0.8118, 0.5647
CMYK	0.39, 0.57, 0.00, 0.56
HSL	259°, 40%, 31%
HSV	259°, 57%, 44%
XYZ	6.3101, 4.4905, 15.5731
YIQ	61.1620, -8.3030, 23.8330

# Conversions

## Conversions Part 2

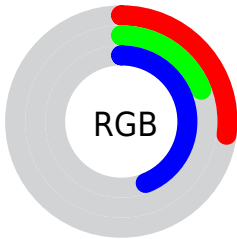
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 48, 111
Decimal	4468847
CIE <sub>Lab</sub>	25.23, 24.74, -33.50
CIE <sub>LCh</sub>	25, 41.648, 306.440
Yxy	4.4905, 0.2393, 0.1703
Android (android.graphics.Color)	4282658927 (0xFF44306F)
YUV	61.1620, 24.5701, 5.9969
Hunter-Lab	21.1909, 16.0685, -28.7383

# Details

The Hex color **44306F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B6F30**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **775FA3**, and **13043F** is the 20% darker color. If you saturate the color by 10%, you get **3C256F**, and if you desaturate by 10%, it is **4C3B6F**.

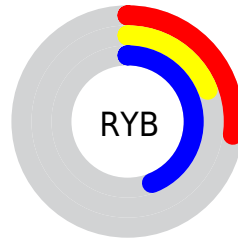
# Distribution



Red (27%)

Green (19%)

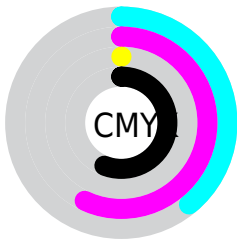
Blue (44%)



Red (27%)

Yellow (19%)

Blue (44%)

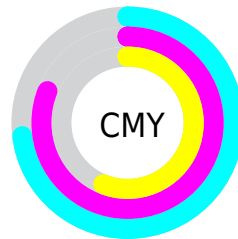


Cyan (39%)

Magenta (57%)

Yellow (0%)

Black (56%)



Cyan (73%)

Magenta (81%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44306F 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 44306F by changing the saturation by 10% instead.



■ 44306F

■ 44306F

FFFFFF

■ 2B1A56

■ 775FA3

■ 13043F

■ 9178BE

■ 000028

■ AD92DA

■ 000112

■ C8ACF7

■ 000000

■ E5C8FF

■ FFE4FF

■ 44306F

■ 44306F

■ 3C256F

■ 4C3B6F

■ 351A6F

■ 53466F

■ 2D0F6F

■ 5B516F

■ 26046F

■ 625C6F

■ 23006F

■ 6A686F

■ 71736F

■ 797E6F

■ 81896F

■ 88946F

# Harmonies

## Analogous

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



003E7B



44306F



661F56

# Triad

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



44306F



5D3100



004A42

# Complementary

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



44306F



5B6F30

# 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.



004821



44306F



443D00

# Square

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



44306F



6E2118



224400



004961

# Rectangle

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



44306F



711741



224400



004937



# Sweetspot

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



44306F



807991



305B6F



403B4A



C9C9C9



4A4A4A



# Same Dimension

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



44306F



4E2F91



63306F



343238



260078



4F00F7



# Inverse Universe

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



6F305B



912F72



3C6F30



383236



780052



F700A9



# Previews

## White Background



This preview shows how the Hex color 44306F looks on a white background.

## Color Contrast Check

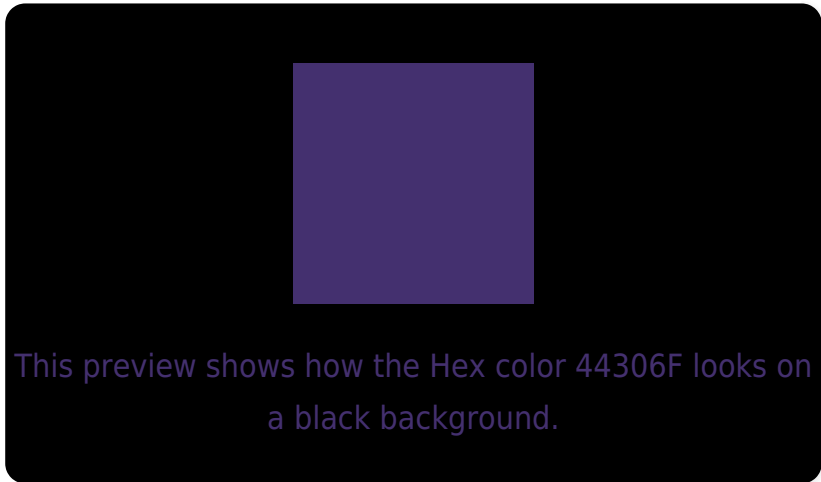
Large Text (above 18pt) WCAG AA ✓ Pass

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

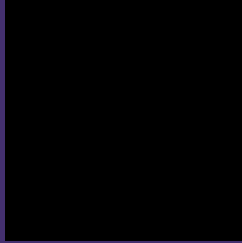
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44306F Background



This preview shows how black text looks on a background with the Hex color 44306F.

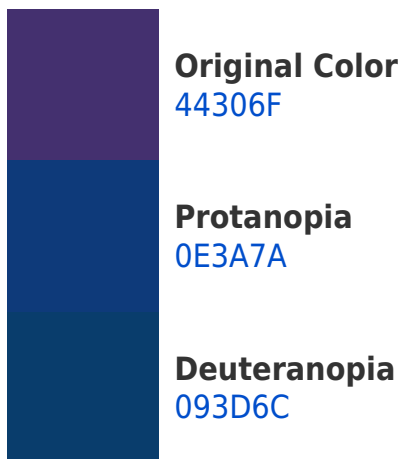


This preview shows how white text looks on a background with the Hex color 44306F.

# 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**  
3A3C41

# Trichromacy



**Original Color**  
44306F

**Protanomaly**  
223676

**Deuteranomaly**  
1E386D

**Tritanomaly**  
3E3852

# Monochromacy



**Original Color**  
44306F

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
40384F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44306F 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 #44306F looks like.

```
.text, #text, p{  
    color:#44306F  
}
```

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 #44306F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44306F
}
```

## Border

The CSS property to change the border of an element to Hex 44306F is called "border". The border property can be set on classes, ids or directly on the HTML element.

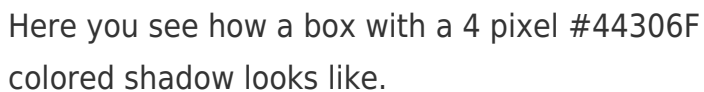
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44306F }
```

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

```
.border{ border-color:#44306F }
```

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



Here you see how a box with a 4 pixel #44306F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44306F; -webkit-box-shadow:4px 4px  
4px 4px #44306F; box-shadow:4px 4px 4px  
4px #44306F }
```

# Background

The CSS property to change the background color of an element to Hex 44306F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44306F }
```

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

```
.background{ background-color:#44306F }
```

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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