

# Converting Colors

Hex(44087F)

Have a look what the booklet for  
Hex(44087F) contains.

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# Color

**Hex(44087F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44087F
RGB	68, 8, 127
RGB Percent	27%, 3%, 50%
CMY	0.7333, 0.9686, 0.5020
CMYK	0.46, 0.94, 0.00, 0.50
HSL	270°, 88%, 26%
HSV	270°, 94%, 50%
XYZ	6.3015, 2.9349, 20.3130
YIQ	39.5060, -2.4390, 49.7290

# Conversions

## Conversions Part 2

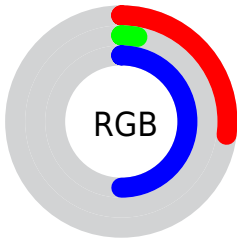
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 8, 127
Decimal	4458623
CIELab	19.78, 48.14, -52.59
CIELCh	20, 71.292, 312.470
Yxy	2.9349, 0.2133, 0.0993
Android (android.graphics.Color)	4282648703 (0xFF44087F)
YUV	39.5060, 43.1345, 24.9892
Hunter-Lab	17.1316, 35.6771, -58.3084

# Details

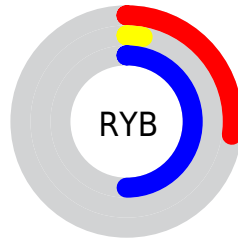
The Hex color **44087F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **437F08**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7B3FB5**, and **0D004D** is the 20% darker color. If you saturate the color by 10%, you get **40007F**, and if you desaturate by 10%, it is **4A157F**.

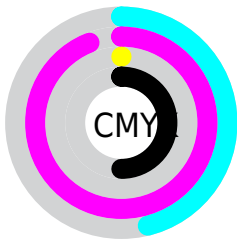
# Distribution



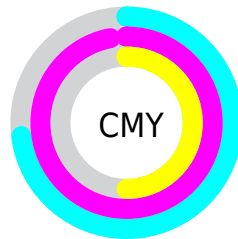
- Red (27%)
- Green (3%)
- Blue (50%)



- Red (27%)
- Yellow (3%)
- Blue (50%)



- Cyan (46%)
- Magenta (94%)
- Yellow (0%)
- Black (50%)



- Cyan (73%)
- Magenta (97%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44087F 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 44087F by changing the saturation by 10% instead.



 44087F

 44087F

 FFFDFF

 270065


 7B3FB5

 0D004D

 9759D1

 000135

 B373ED

 00021F

 D08DFF

 000001

 EDA8FF

 000000

 FFC4FF

 FFE0FF

 44087F

 44087F

■ 40007F

■ 4A157F

■ 51217F

■ 572E7F

■ 5D3B7F

■ 63487F

■ 6A547F

■ 70617F

■ 766E7F

■ 7D7A7F

# Harmonies

## Analogous

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



00329A



44087F



780051

# Triad

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



44087F



542100



004245

# Complementary

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



44087F



437F08

# 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.



00400C



44087F



283500

# Square

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



44087F



730000



003D00



004277

# Rectangle

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



44087F



82002E



003D00



004133



# Sweetspot

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



44087F



8F77A6



08447F



463854



D4D4D4



545454



# Same Dimension

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



44087F



5400A6



7F087F



3D3940



400080



000000



# Inverse Universe

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



7F0843



A60052



087F08



40393D



80003F

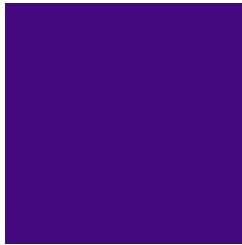


000000



# Previews

## White Background



This preview shows how the Hex color 44087F looks on a white background.

## Color Contrast Check

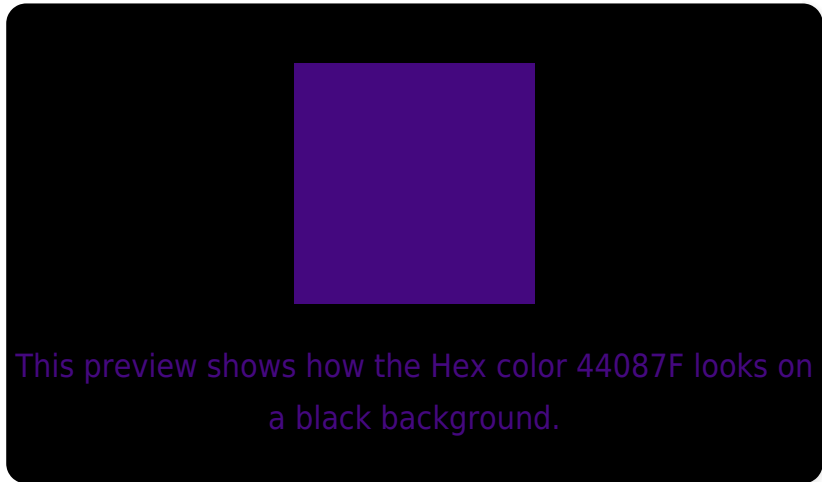
Large Text (above 18pt) WCAG AA ✓ Pass

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

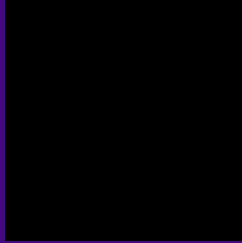
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 44087F Background



This preview shows how black text looks on a background with the Hex color 44087F.



This preview shows how white text looks on a background with the Hex color 44087F.

# 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**  
44087F

**Protanopia**  
003166

**Deuteranopia**  
003457



**Tritanopia**  
323236

# Trichromacy



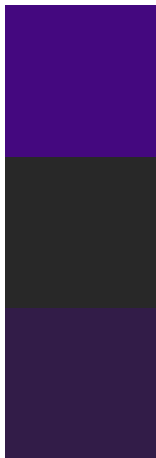
**Original Color**  
44087F

**Protanomaly**  
19226F

**Deuteranomaly**  
192466

**Tritanomaly**  
392351

# Monochromacy



**Original Color**  
44087F

**Achromatopsia**  
282828

**Achromatomaly**  
321C48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44087F 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 #44087F looks like.

```
.text, #text, p{  
    color:#44087F  
}
```

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 #44087F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44087F
}
```

## Border

The CSS property to change the border of an element to Hex 44087F is called "border". The border property can be set on classes, ids or directly on the HTML element.

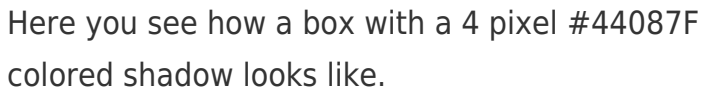
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44087F }
```

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

```
.border{ border-color:#44087F }
```

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



Here you see how a box with a 4 pixel #44087F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44087F; -webkit-box-shadow:4px 4px  
4px 4px #44087F; box-shadow:4px 4px 4px  
4px #44087F }
```

# Background

The CSS property to change the background color of an element to Hex 44087F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44087F }
```

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

```
.background{ background-color:#44087F }
```

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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