

Converting Colors

Hex(46087F)

Have a look what the booklet for
Hex(46087F) contains.

Hex(46087F)	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(46087F)

Conversions

Conversions Part 1

Format	Color
Hex	46087F
RGB	70, 8, 127
RGB Percent	27%, 3%, 50%
CMY	0.7255, 0.9686, 0.5020
CMYK	0.45, 0.94, 0.00, 0.50
HSL	271°, 88%, 26%
HSV	271°, 94%, 50%
XYZ	6.4434, 3.0081, 20.3197
YIQ	40.1040, -1.2470, 50.1530

Conversions

Conversions Part 2

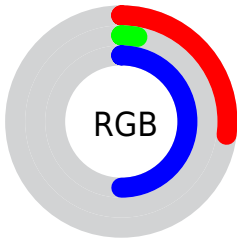
Format	Color
R_{YB}	70, 8, 127
Decimal	4589695
CIE _{Lab}	20.08, 48.37, -52.09
CIE _{LCh}	20, 71.088, 312.880
Yxy	3.0081, 0.2164, 0.1010
Android (android.graphics.Color)	4282779775 (0xFF46087F)
YUV	40.1040, 42.8397, 26.2188
Hunter-Lab	17.3438, 35.9630, -57.3226

Details

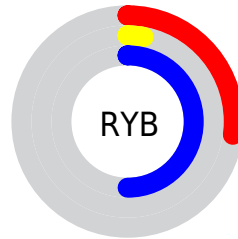
The Hex color **46087F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **417F08**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **7D40B5**, and **11004D** is the 20% darker color. If you saturate the color by 10%, you get **42007F**, and if you desaturate by 10%, it is **4C157F**.

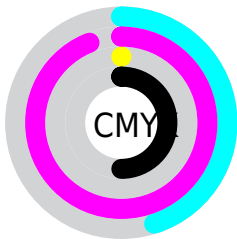
Distribution



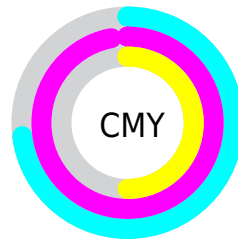
- Red (27%)
- Green (3%)
- Blue (50%)



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



- Cyan (45%)
- Magenta (94%)
- Yellow (0%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 46087F 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 46087F by changing the saturation by 10% instead.


 46087F

 46087F


FFFEFF

 2A0065


 7D40B5

 11004D

 9959D1

 000035

 B573ED

 00021F

 D28EFF

 000001

 EFA9FF

 000000

 FFC5FF

 FFE1FF

 46087F

 46087F

■ 42007F

■ 4C157F

■ 52217F

■ 582E7F

■ 5E3B7F

■ 64487F

■ 6A547F

■ 71617F

■ 776E7F

■ 7D7A7F

Harmonies

Analogous

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



00329A



46087F



790050

Triad

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



46087F



542200



004247

Complementary

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



46087F



417F08

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.



00410E



46087F



283600

Square

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



46087F



740000



003D00



004378

Rectangle

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



46087F



83002E



003D00



004235

Sweetspot

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



46087F



9077A6



08427F



463854



D4D4D4



545454

Same Dimension

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



46087F



5600A6



7F087D



3D3940



420080



000000

Inverse Universe

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



7F0841



A6004F



087F0A



40393C



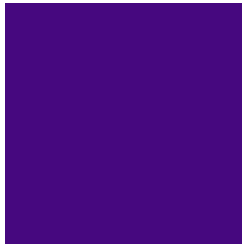
80003D



000000

Previews

White Background



This preview shows how the Hex color 46087F looks on a white background.

Color Contrast Check

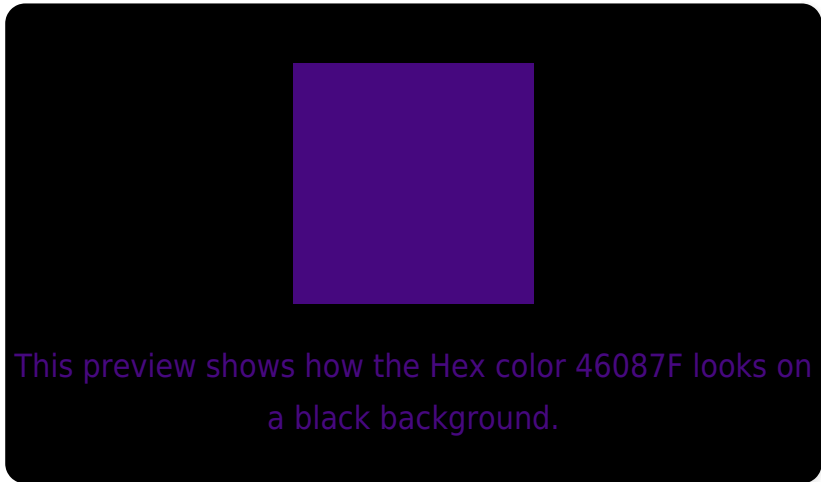
Large Text (above 18pt) WCAG AA ✓ Pass

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

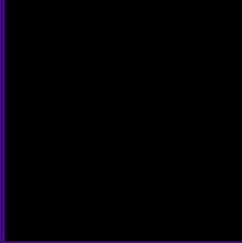
Any Text WCAG AA × Fail

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 46087F Background



This preview shows how black text looks on a background with the Hex color 46087F.



This preview shows how white text looks on a background with the Hex color 46087F.

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
46087F

Protanopia
003167

Deuteranopia
003459



Tritanopia
343236

Trichromacy



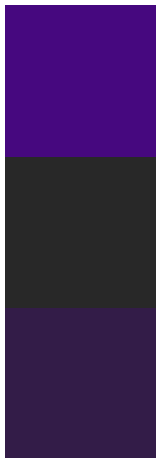
Original Color
46087F

Protanomaly
192270

Deuteranomaly
192467

Tritanomaly
3B2351

Monochromacy



Original Color
46087F

Achromatopsia
282828

Achromatomaly
331C48

CSS Examples

Text

The CSS property to change the color of the text to Hex 46087F 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 #46087F looks like.

```
.text, #text, p{  
    color:#46087F  
}
```

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 #46087F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46087F
}
```

Border

The CSS property to change the border of an element to Hex 46087F is called "border". The border property can be set on classes, ids or directly on the HTML element.

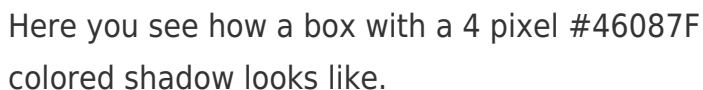
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46087F }
```

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

```
.border{ border-color:#46087F }
```

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



Here you see how a box with a 4 pixel #46087F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46087F; -webkit-box-shadow:4px 4px  
4px 4px #46087F; box-shadow:4px 4px 4px  
4px #46087F }
```

Background

The CSS property to change the background color of an element to Hex 46087F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46087F }
```

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

```
.background{ background-color:#46087F }
```

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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