

Converting Colors

Hex(68407F)

Have a look what the booklet for
Hex(68407F) contains.

Hex(68407F)	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(68407F)

Conversions

Conversions Part 1

Format	Color
Hex	68407F
RGB	104, 64, 127
RGB Percent	41%, 25%, 50%
CMY	0.5922, 0.7490, 0.5020
CMYK	0.18, 0.50, 0.00, 0.50
HSL	278°, 33%, 37%
HSV	278°, 50%, 50%
XYZ	11.3731, 8.1422, 21.0508
YIQ	83.1420, 3.6170, 28.0730

Conversions

Conversions Part 2

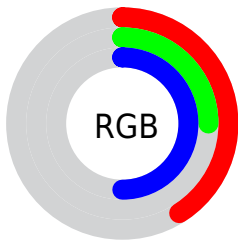
Format	Color
R_{YB}	104, 64, 127
Decimal	6832255
CIE _{Lab}	34.28, 29.67, -28.96
CIE _{LCh}	34, 41.465, 315.696
Yxy	8.1422, 0.2804, 0.2007
Android (android.graphics.Color)	4285022335 (0xFF68407F)
YUV	83.1420, 21.6220, 18.2925
Hunter-Lab	28.5345, 21.2101, -23.7661

Details

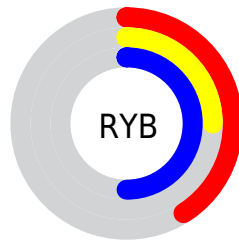
The Hex color **68407F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **577F40**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9D71B4**, and **37124D** is the 20% darker color. If you saturate the color by 10%, you get **63337F**, and if you desaturate by 10%, it is **6D4D7F**.

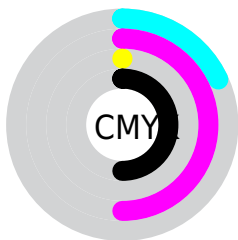
Distribution



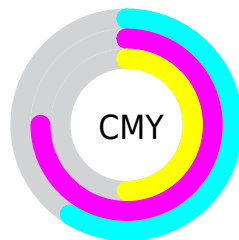
- Red (41%)
- Green (25%)
- Blue (50%)



- Red (41%)
- Yellow (25%)
- Blue (50%)



- Cyan (18%)
- Magenta (50%)
- Yellow (0%)
- Black (50%)



- Cyan (59%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68407F 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 68407F by changing the saturation by 10% instead.

68407F

68407F

FFFFFF

4F2966

9D71B4

37124D

B88BD0

200036

D4A5EC

000020

F1C1FF

000005

FFDDFF

000000

FFFAFF

68407F

68407F

63337F

6D4D7F

■ 5F277F

■ 71597F

■ 5A1A7F

■ 76667F

■ 550D7F

■ 7B737F

■ 51007F

■ 7F807F

■ 848C7F

■ 88997F

■ 8DA67F

■ 92B27F

Harmonies

Analogous

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



2F4E90



68407F



843362

Triad

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



68407F



6E4909



006061

Complementary

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



68407F



577F40

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.



005F3F



68407F



515406

Square

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



68407F



833C22



2A5B1F



005E7F

Rectangle

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



68407F



8B304C



2A5B1F



006056

Sweetspot

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



68407F



9D8DA6



40577F



4F4554



D4D4D4



545454

Same Dimension

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



68407F



8142A6



7F4077



3D3940



510080



000000

Inverse Universe

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



7F4057



A64267



407F48



40393C



80002F



000000

Previews

White Background



This preview shows how the Hex color 68407F looks on a white background.

Color Contrast Check

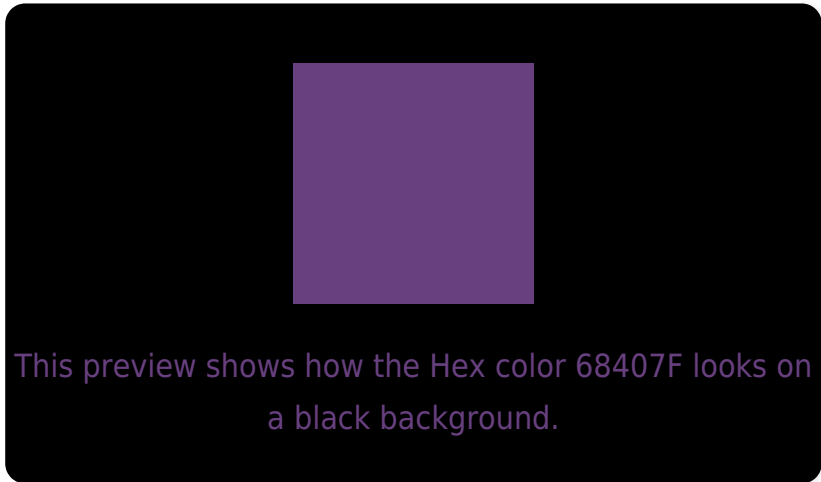
Large Text (above 18pt) WCAG AA ✓ Pass

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

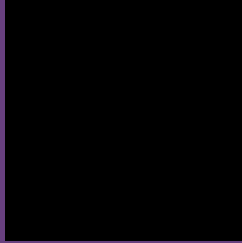
Any Text WCAG AA × Fail

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 68407F Background



This preview shows how black text looks on a background with the Hex color 68407F.



This preview shows how white text looks on a background with the Hex color 68407F.

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
68407F

Protanopia
354F8D

Deuteranopia
3C517C



Tritanopia
614B51

Trichromacy



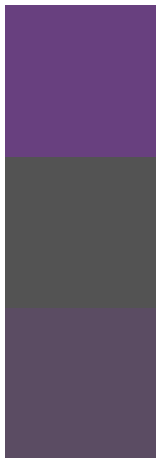
Original Color
68407F

Protanomaly
484A88

Deuteranomaly
4C4B7D

Tritanomaly
644762

Monochromacy



Original Color
68407F

Achromatopsia
535353

Achromatomaly
5B4C63

CSS Examples

Text

The CSS property to change the color of the text to Hex 68407F 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 #68407F looks like.

```
.text, #text, p{  
    color:#68407F  
}
```

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 #68407F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68407F
}
```

Border

The CSS property to change the border of an element to Hex 68407F is called "border". The border property can be set on classes, ids or directly on the HTML element.

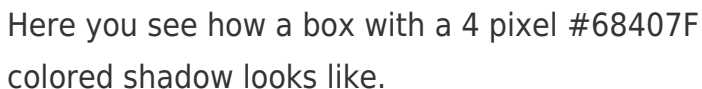
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68407F }
```

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

```
.border{ border-color:#68407F }
```

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



Here you see how a box with a 4 pixel #68407F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68407F; -webkit-box-shadow:4px 4px  
4px 4px #68407F; box-shadow:4px 4px 4px  
4px #68407F }
```

Background

The CSS property to change the background color of an element to Hex 68407F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68407F }
```

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

```
.background{ background-color:#68407F }
```

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