

Converting Colors

Hex(60407F)

Have a look what the booklet for
Hex(60407F) contains.

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Color

Hex(60407F)

Conversions

Conversions Part 1

Format	Color
Hex	60407F
RGB	96, 64, 127
RGB Percent	38%, 25%, 50%
CMY	0.6235, 0.7490, 0.5020
CMYK	0.24, 0.50, 0.00, 0.50
HSL	270°, 33%, 37%
HSV	270°, 50%, 50%
XYZ	10.4880, 7.6859, 21.0094
YIQ	80.7500, -1.1510, 26.3770

Conversions

Conversions Part 2

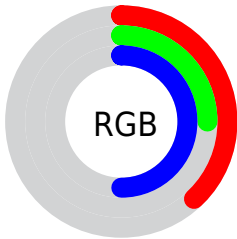
Format	Color
R_{YB}	96, 64, 127
Decimal	6307967
CIE _{Lab}	33.32, 27.24, -30.54
CIE _{LCh}	33, 40.918, 311.730
Yxy	7.6859, 0.2677, 0.1962
Android (android.graphics.Color)	4284498047 (0xFF60407F)
YUV	80.7500, 22.8013, 13.3743
Hunter-Lab	27.7234, 19.0121, -25.5248

Details

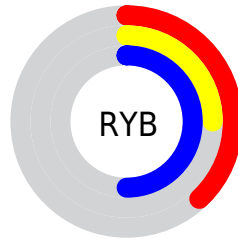
The Hex color **60407F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5F7F40**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9471B4**, and **2F134D** is the 20% darker color. If you saturate the color by 10%, you get **5A337F**, and if you desaturate by 10%, it is **664D7F**.

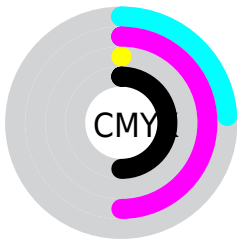
Distribution



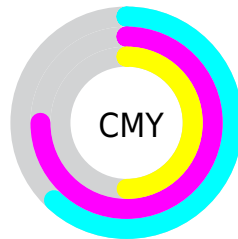
- Red (38%)
- Green (25%)
- Blue (50%)



- Red (38%)
- Yellow (25%)
- Blue (50%)



- Cyan (24%)
- Magenta (50%)
- Yellow (0%)
- Black (50%)



- Cyan (62%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60407F 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 60407F by changing the saturation by 10% instead.

60407F

60407F

FFFFFF

472966

9471B4

2F134D

AF8AD0

190036

CBA5EC

000220

E8C0FF

000004

FFDCFF

000000

FFF9FF

60407F

60407F

5A337F

664D7F

■ 54277F

■ 6C597F

■ 4D1A7F

■ 73667F

■ 470D7F

■ 79737F

■ 41007F

■ 7F807F

■ 858C7F

■ 8C997F

■ 92A67F

■ 98B27F

Harmonies

Analogous

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



204E8E



60407F



7E3263

Triad

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



60407F



6E450B



005E5B

Complementary

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



60407F



5F7F40

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.



005C39



60407F



535103

Square

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



60407F



823825



2E581A



005C79

Rectangle

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



60407F



872E4E



2E581A



005D4F

Sweetspot

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



60407F



9A8DA6



40607F



4D4554



D4D4D4



545454

Same Dimension

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



60407F



7542A6



7F407F



3D3940



410080



000000

Inverse Universe

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



7F405F



A64273



407F40



40393D



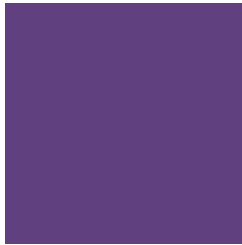
80003F



000000

Previews

White Background



This preview shows how the Hex color 60407F looks on a white background.

Color Contrast Check

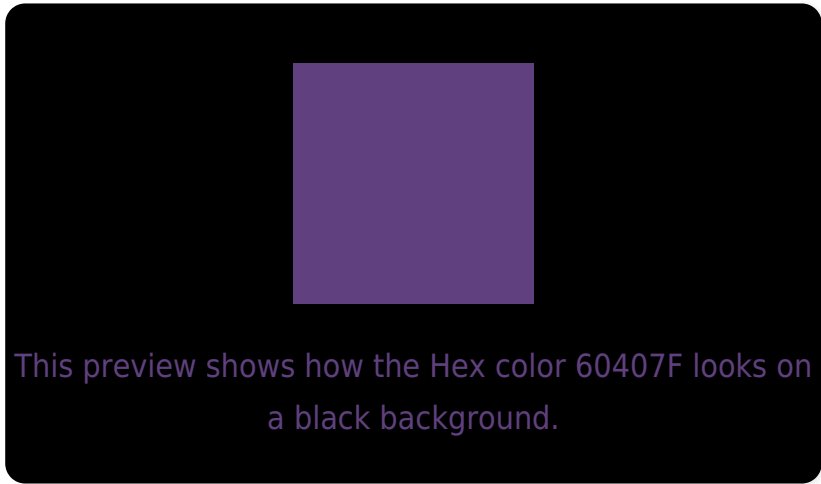
Large Text (above 18pt) WCAG AA ✓ Pass

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

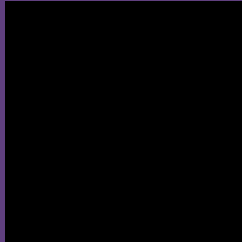
Any Text WCAG AA × Fail

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 60407F Background



This preview shows how black text looks on a background with the Hex color 60407F.

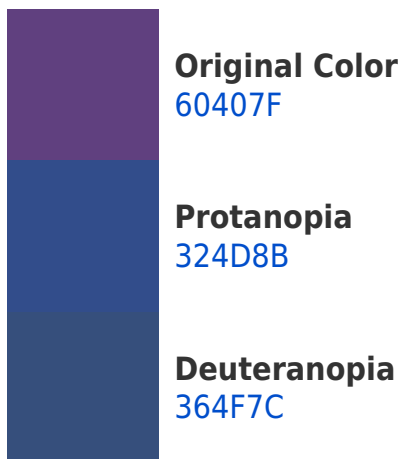


This preview shows how white text looks on a background with the Hex color 60407F.

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
584B51

Trichromacy



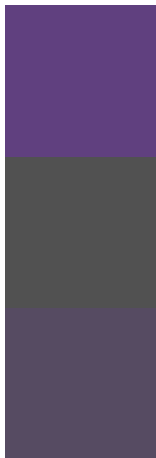
Original Color
60407F

Protanomaly
434887

Deuteranomaly
454A7D

Tritanomaly
5B4762

Monochromacy



Original Color
60407F

Achromatopsia
515151

Achromatomaly
564B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 60407F 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 #60407F looks like.

```
.text, #text, p{  
    color:#60407F  
}
```

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 #60407F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60407F
}
```

Border

The CSS property to change the border of an element to Hex 60407F is called "border". The border property can be set on classes, ids or directly on the HTML element.

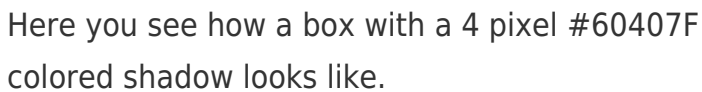
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60407F }
```

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

```
.border{ border-color:#60407F }
```

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



Here you see how a box with a 4 pixel #60407F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60407F; -webkit-box-shadow:4px 4px  
4px 4px #60407F; box-shadow:4px 4px 4px  
4px #60407F }
```

Background

The CSS property to change the background color of an element to Hex 60407F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60407F }
```

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

```
.background{ background-color:#60407F }
```

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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