

Converting Colors

Hex(40407F)

Have a look what the booklet for
Hex(40407F) contains.

Hex(40407F)	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(40407F)

Conversions

Conversions Part 1

Format	Color
Hex	40407F
RGB	64, 64, 127
RGB Percent	25%, 25%, 50%
CMY	0.7490, 0.7490, 0.5020
CMYK	0.50, 0.50, 0.00, 0.50
HSL	240°, 33%, 37%
HSV	240°, 50%, 50%
XYZ	7.7785, 6.2891, 20.8826
YIQ	71.1820, -20.2230, 19.5930

Conversions

Conversions Part 2

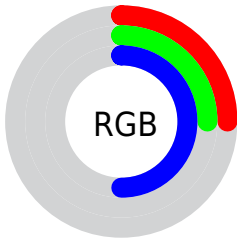
Format	Color
RYB	64, 64, 127
Decimal	4210815
CIELab	30.13, 18.24, -35.80
CIElCh	30, 40.183, 297.002
Yxy	6.2891, 0.2226, 0.1799
Android (android.graphics.Color)	4282400895 (0xFF40407F)
YUV	71.1820, 27.5183, -6.2986
Hunter-Lab	25.0781, 11.4791, -31.8164

Details

The Hex color **40407F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7F7F40**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7470B4**, and **06164D** is the 20% darker color. If you saturate the color by 10%, you get **33337F**, and if you desaturate by 10%, it is **4D4D7F**.

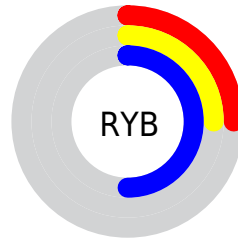
Distribution



Red (25%)

Green (25%)

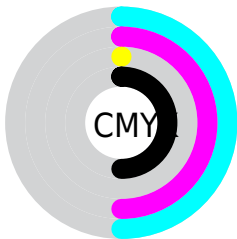
Blue (50%)



Red (25%)

Yellow (25%)

Blue (50%)

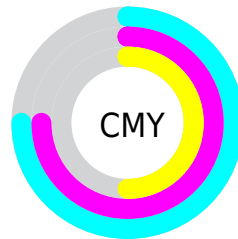


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (50%)



Cyan (75%)

Magenta (75%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40407F 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 40407F by changing the saturation by 10% instead.

■ 40407F

■ 40407F

FFFFFF

■ 262A66

■ 7470B4

■ 06164D

■ 8F89D0

■ 000036

■ AAA3EC

■ 000220

■ C6BEFF

■ 000004

■ E3DAFF

■ 000000

■ FFF7FF

■ 40407F

■ 40407F

■ 33337F

■ 4D4D7F

■ 27277F

■ 59597F

■ 1A1A7F

■ 66667F

■ 0D0D7F

■ 73737F

■ 00007F

■ 80807F

■ 8C8C7F

■ 99997F

■ A6A67F

■ B2B27F

Harmonies

Analogous

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



004C86



40407F



693169

Triad

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



40407F



703811



005543

Complementary

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



40407F



7F7F40

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.



045323



40407F



594400

Square

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



40407F



7D2B2D



3A4D06



005563

Rectangle

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



40407F



782956



3A4D06



005538

Sweetspot

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



40407F



8D8DA6



407F7F



454554



D4D4D4



545454

Same Dimension

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



40407F



4242A6



60407F



393940



000080



000000

Inverse Universe

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



7F407F



A642A6



607F40



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 40407F looks on a white background.

Color Contrast Check

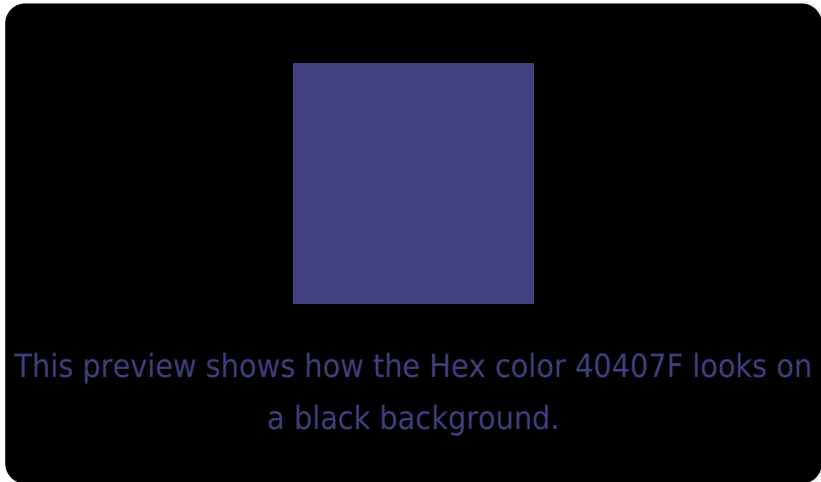
Large Text (above 18pt) WCAG AA ✓ Pass

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

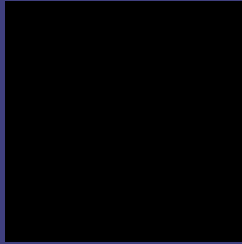
Any Text WCAG AA × Fail

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 40407F Background



This preview shows how black text looks on a background with the Hex color 40407F.

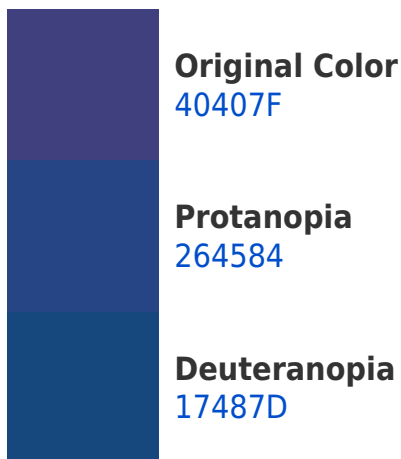


This preview shows how white text looks on a background with the Hex color 40407F.

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
324B51

Trichromacy



Original Color
40407F

Protanomaly
2F4382

Deuteranomaly
26457E

Tritanomaly
374762

Monochromacy



Original Color
40407F

Achromatopsia
474747

Achromatomaly
44445B

CSS Examples

Text

The CSS property to change the color of the text to Hex 40407F 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 #40407F looks like.

```
.text, #text, p{  
    color:#40407F  
}
```

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 #40407F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40407F
}
```

Border

The CSS property to change the border of an element to Hex 40407F 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
#40407F }
```

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

```
.border{ border-color:#40407F }
```

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

Here you see how a box with a 4 pixel #40407F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40407F; -webkit-box-shadow:4px 4px  
4px 4px #40407F; box-shadow:4px 4px 4px  
4px #40407F }
```

Background

The CSS property to change the background color of an element to Hex 40407F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40407F }
```

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

```
.background{ background-color:#40407F }
```

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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