

Converting Colors

Hex(403F8B)

Have a look what the booklet for
Hex(403F8B) contains.

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Color

Hex(403F8B)

Conversions

Conversions Part 1

Format	Color
Hex	403F8B
RGB	64, 63, 139
RGB Percent	25%, 25%, 55%
CMY	0.7490, 0.7529, 0.4549
CMYK	0.54, 0.55, 0.00, 0.45
HSL	241°, 38%, 40%
HSV	241°, 55%, 55%
XYZ	8.5521, 6.5091, 25.2317
YIQ	71.9630, -23.8000, 23.8480

Conversions

Conversions Part 2

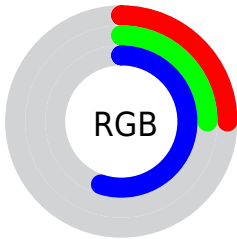
Format	Color
R_{YB}	64, 63, 139
Decimal	4210571
CIE _{Lab}	30.66, 22.92, -42.39
CIE _{LCh}	31, 48.193, 298.399
Yxy	6.5091, 0.2122, 0.1615
Android (android.graphics.Color)	4282400651 (0xFF403F8B)
YUV	71.9630, 33.0492, -6.9836
Hunter-Lab	25.5129, 15.1866, -40.7775

Details

The Hex color **403F8B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8A8B3F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **766FC1**, and **001558** is the 20% darker color. If you saturate the color by 10%, you get **32318B**, and if you desaturate by 10%, it is **4E4D8B**.

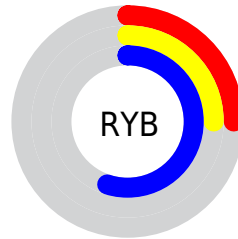
Distribution



Red (25%)

Green (25%)

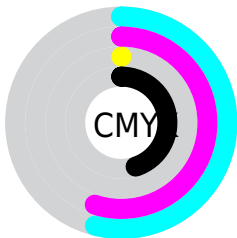
Blue (55%)



Red (25%)

Yellow (25%)

Blue (55%)

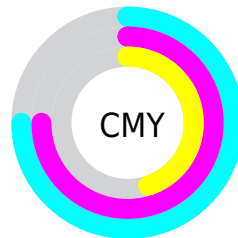


Cyan (54%)

Magenta (55%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (75%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403F8B 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 403F8B by changing the saturation by 10% instead.

■ 403F8B

■ 403F8B

FFFFFF

■ 242971

■ 766FC1

■ 001558

■ 9188DD

■ 000040

■ ADA2FA

■ 000329

■ C9BDFF

■ 000113

■ E6D9FF

■ 000000

■ FFF6FF

■ 403F8B

■ 403F8B

■ 32318B

■ 4E4D8B

■ 25238B

■ 5B5B8B

■ 17158B

■ 69698B

■ 09078B

■ 77778B

■ 02008B

■ 85858B

■ 92928B

■ A0A08B

■ AEAE8B

■ BBBC8B

Harmonies

Analogous

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



004E94



403F8B



722B70

Triad

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



403F8B



763601



005845

Complementary

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



403F8B



8A8B3F

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.



00561E



403F8B



5A4600

Square

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



403F8B



872327



355000



00596B

Rectangle

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



403F8B



831F58



355000



005838

Sweetspot

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



403F8B



9898B5



3F8B8B



4B4A5C



DBDBDB



5C5C5C

Same Dimension

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



403F8B



3F3EB5



653F8B



3E3E45



020085



000005

Inverse Universe

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



8B3F8A



B53EB3



658B3F



453E45



850083



050005

Previews

White Background



This preview shows how the Hex color 403F8B looks on a white background.

Color Contrast Check

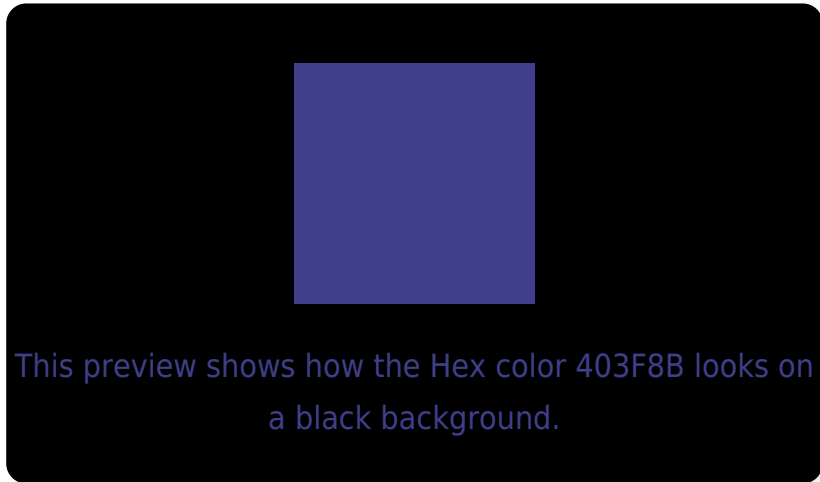
Large Text (above 18pt) WCAG AA ✓ Pass

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

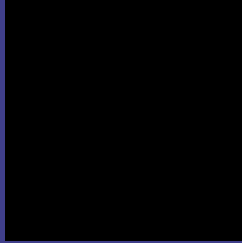
Any Text WCAG AA × Fail

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 403F8B Background



This preview shows how black text looks on a background with the Hex color 403F8B.



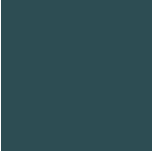
This preview shows how white text looks on a background with the Hex color 403F8B.

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
2D4D53

Trichromacy



Original Color
403F8B

Protanomaly
21438F

Deuteranomaly
174685

Tritanomaly
344867

Monochromacy



Original Color
403F8B

Achromatopsia
484848

Achromatomaly
454560

CSS Examples

Text

The CSS property to change the color of the text to Hex 403F8B 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 #403F8B looks like.

```
.text, #text, p{  
    color:#403F8B  
}
```

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 #403F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403F8B
}
```

Border

The CSS property to change the border of an element to Hex 403F8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

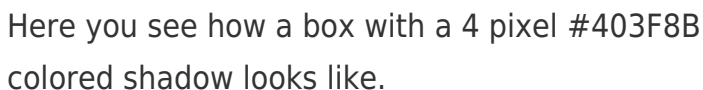
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#403F8B }
```

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

```
.border{ border-color:#403F8B }
```

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



Here you see how a box with a 4 pixel #403F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403F8B; -webkit-box-shadow:4px 4px  
4px 4px #403F8B; box-shadow:4px 4px 4px  
4px #403F8B }
```

Background

The CSS property to change the background color of an element to Hex 403F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403F8B }
```

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

```
.background{ background-color:#403F8B }
```

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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