

Converting Colors

Hex(400C8C)

Have a look what the booklet for
Hex(400C8C) contains.

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Color

Hex(400C8C)

Conversions

Conversions Part 1

Format	Color
Hex	400C8C
RGB	64, 12, 140
RGB Percent	25%, 5%, 55%
CMY	0.7490, 0.9529, 0.4510
CMYK	0.54, 0.91, 0.00, 0.45
HSL	264°, 84%, 30%
HSV	264°, 91%, 55%
XYZ	6.9794, 3.2464, 25.0697
YIQ	42.1400, -10.0960, 50.8320

Conversions

Conversions Part 2

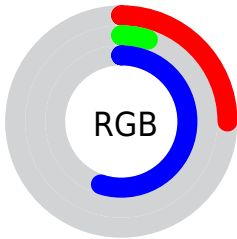
Format	Color
R_{YB}	64, 12, 140
Decimal	4197516
CIE _{Lab}	21.00, 49.87, -58.78
CIE _{LCh}	21, 77.088, 310.314
Yxy	3.2464, 0.1977, 0.0920
Android (android.graphics.Color)	4282387596 (0xFF400C8C)
YUV	42.1400, 48.2450, 19.1712
Hunter-Lab	18.0177, 37.6138, -69.8832

Details

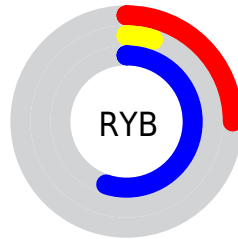
The Hex color **400C8C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **588C0C**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **7942C3**, and **000059** is the 20% darker color. If you saturate the color by 10%, you get **39008C**, and if you desaturate by 10%, it is **481A8C**.

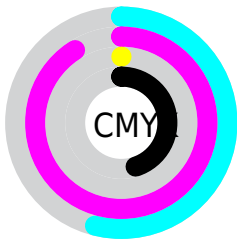
Distribution



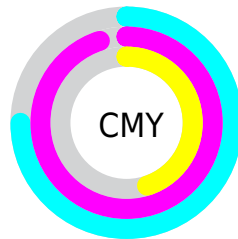
- Red (25%)
- Green (5%)
- Blue (55%)



- Red (25%)
- Yellow (5%)
- Blue (55%)



- Cyan (54%)
- Magenta (91%)
- Yellow (0%)
- Black (45%)



- Cyan (75%)
- Magenta (95%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 400C8C 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 400C8C by changing the saturation by 10% instead.



400C8C



400C8C

FFFFFF



200072



7942C3



000059



955BDF



000040



B275FC



000329



CF90FF



000113



EDABFF



000000



FFC7FF



FFE3FF



400C8C



400C8C

■ 39008C

■ 481A8C

■ 51288C

■ 59368C

■ 61448C

■ 6A528C

■ 72608C

■ 7A6E8C

■ 837C8C

■ 8B8A8C

Harmonies

Analogous

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



0037A7



400C8C



7E005A

Triad

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



400C8C



5C1F00



004546

Complementary

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



400C8C



588C0C

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.



004304



400C8C



2D3700

Square

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



400C8C



7D0000



004000



00467D

Rectangle

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



400C8C



8B0035



004000



004532

Sweetspot

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



400C8C



9884B5



0C598C



4A3E5C



DBDBDB



5C5C5C

Same Dimension

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



400C8C



4A00B5



7F0C8C



413E45



360085



020005

Inverse Universe

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



8C0C58



B5006B



198C0C



453E42



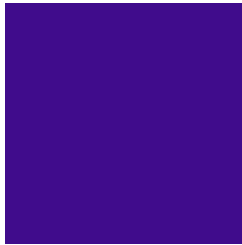
85004F



050003

Previews

White Background



This preview shows how the Hex color 400C8C looks on a white background.

Color Contrast Check

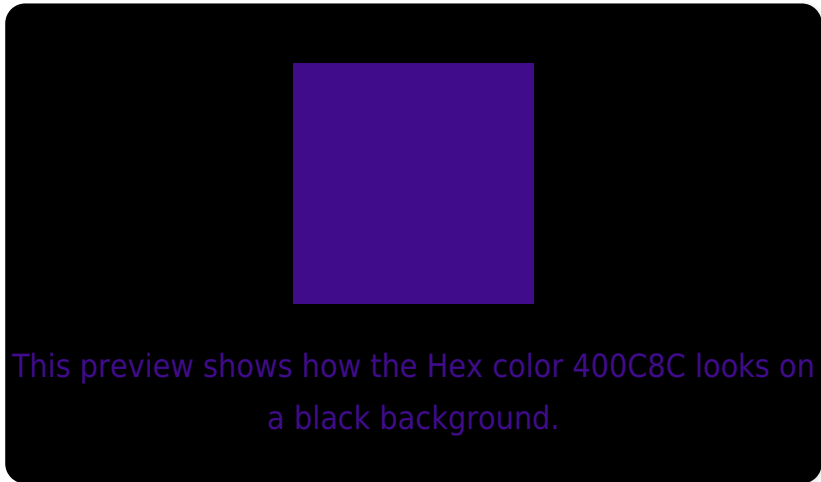
Large Text (above 18pt) WCAG AA ✓ Pass

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

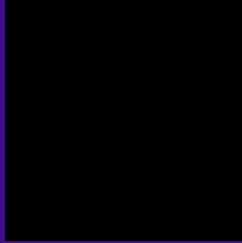
Any Text WCAG AA × Fail

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 400C8C Background



This preview shows how black text looks on a background with the Hex color 400C8C.



This preview shows how white text looks on a background with the Hex color 400C8C.

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
400C8C

Protanopia
00336A

Deuteranopia
00365B



Tritanopia
25373C

Trichromacy



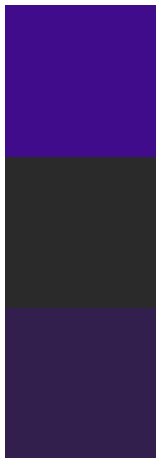
Original Color
400C8C

Protanomaly
172576

Deuteranomaly
17276D

Tritanomaly
2F2759

Monochromacy



Original Color
400C8C

Achromatopsia
2A2A2A

Achromatomaly
321F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 400C8C 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 #400C8C looks like.

```
.text, #text, p{  
    color:#400C8C  
}
```

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 #400C8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400C8C
}
```

Border

The CSS property to change the border of an element to Hex 400C8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

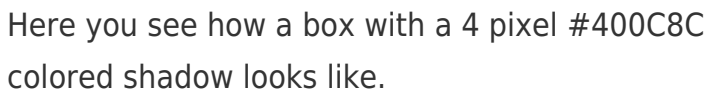
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#400C8C }
```

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

```
.border{ border-color:#400C8C }
```

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



Here you see how a box with a 4 pixel #400C8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400C8C; -webkit-box-shadow:4px 4px  
4px 4px #400C8C; box-shadow:4px 4px 4px  
4px #400C8C }
```

Background

The CSS property to change the background color of an element to Hex 400C8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400C8C }
```

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

```
.background{ background-color:#400C8C }
```

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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