

Converting Colors

Hex(400F8A)

Have a look what the booklet for
Hex(400F8A) contains.

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Color

Hex(400F8A)

Conversions

Conversions Part 1

Format	Color
Hex	400F8A
RGB	64, 15, 138
RGB Percent	25%, 6%, 54%
CMY	0.7490, 0.9412, 0.4588
CMYK	0.54, 0.89, 0.00, 0.46
HSL	264°, 80%, 30%
HSV	264°, 89%, 54%
XYZ	6.8726, 3.2666, 24.3130
YIQ	43.6730, -10.2790, 48.6410

Conversions

Conversions Part 2

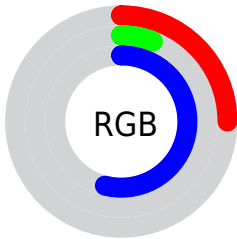
Format	Color
RYB	64, 15, 138
Decimal	4198282
CIELab	21.08, 48.47, -57.40
CIElCh	21, 75.129, 310.177
Yxy	3.2666, 0.1995, 0.0948
Android (android.graphics.Color)	4282388362 (0xFF400F8A)
YUV	43.6730, 46.5032, 17.8268
Hunter-Lab	18.0738, 36.2462, -67.1059

Details

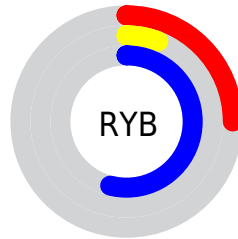
The Hex color **400F8A** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **598A0F**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7943C1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **38018A**, and if you desaturate by 10%, it is **481D8A**.

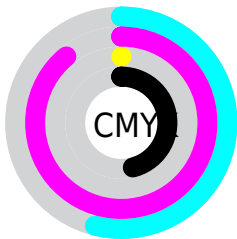
Distribution



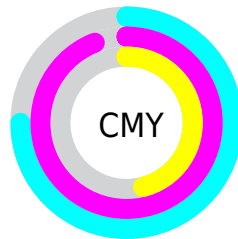
- Red (25%)
- Green (6%)
- Blue (54%)



- Red (25%)
- Yellow (6%)
- Blue (54%)



- Cyan (54%)
- Magenta (89%)
- Yellow (0%)
- Black (46%)



- Cyan (75%)
- Magenta (94%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 400F8A 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 400F8A by changing the saturation by 10% instead.



400F8A



400F8A

FFFFFF



210070



7943C1



000057



955DDD



00003E



B176FA



000327



CE91FF



000111



ECACFF



000000



FFC8FF



FFE5FF



400F8A



400F8A

■ 38018A

■ 481D8A

■ 37008A

■ 512B8A

■ 59388A

■ 61468A

■ 6A548A

■ 72628A

■ 7A708A

■ 827D8A

■ 8B8B8A

Harmonies

Analogous

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



0037A4



400F8A



7C005A

Triad

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



400F8A



5C2000



004545

Complementary

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



400F8A



598A0F

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.



004305



400F8A



2E3700

Square

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



400F8A



7C0000



004000



00467B

Rectangle

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



400F8A



890035



004000



004532

Sweetspot

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



400F8A



9682B3



0F5B8A



483D59



D9D9D9



595959

Same Dimension

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



400F8A



4700B3



7C0F8A



413E45



350085



020005

Inverse Universe

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



8A0F59



B3006B



1D8A0F



453E42



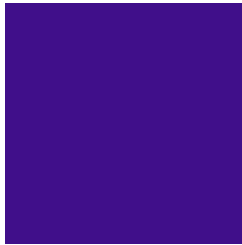
850050



050003

Previews

White Background



This preview shows how the Hex color 400F8A looks on a white background.

Color Contrast Check

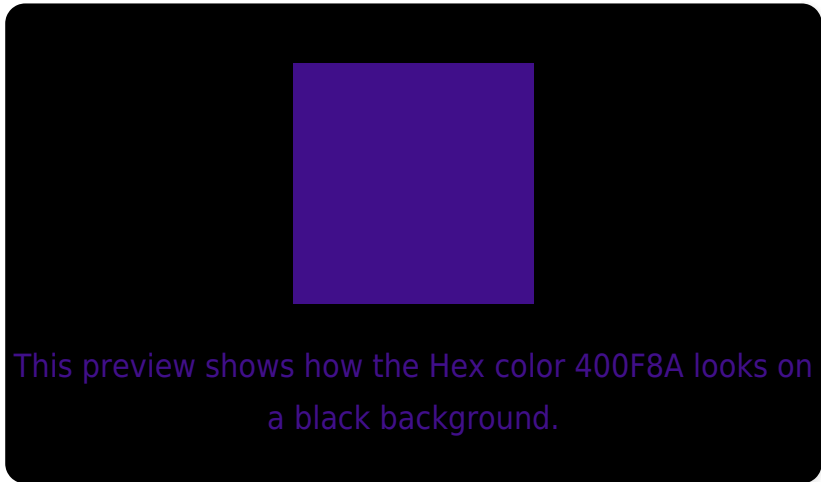
Large Text (above 18pt) WCAG AA ✓ Pass

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

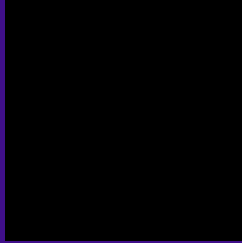
Any Text WCAG AA × Fail

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 400F8A Background



This preview shows how black text looks on a background with the Hex color 400F8A.



This preview shows how white text looks on a background with the Hex color 400F8A.

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
400F8A

Protanopia
00336A

Deuteranopia
00365B



Tritanopia
26373B

Trichromacy



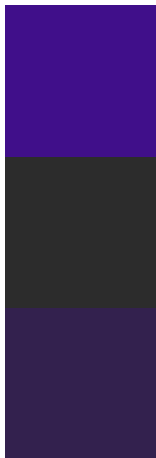
Original Color
400F8A

Protanomaly
172676

Deuteranomaly
17286C

Tritanomaly
2F2858

Monochromacy



Original Color
400F8A

Achromatopsia
2C2C2C

Achromatomaly
33214E

CSS Examples

Text

The CSS property to change the color of the text to Hex 400F8A 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 #400F8A looks like.

```
.text, #text, p{  
    color:#400F8A  
}
```

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 #400F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400F8A
}
```

Border

The CSS property to change the border of an element to Hex 400F8A 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
#400F8A }
```

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

```
.border{ border-color:#400F8A }
```

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

Here you see how a box with a 4 pixel #400F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400F8A; -webkit-box-shadow:4px 4px  
4px 4px #400F8A; box-shadow:4px 4px 4px  
4px #400F8A }
```

Background

The CSS property to change the background color of an element to Hex 400F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400F8A }
```

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

```
.background{ background-color:#400F8A }
```

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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