

Converting Colors

Hex(400F94)

Have a look what the booklet for
Hex(400F94) contains.

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Color

Hex(400F94)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 400F94 |
| RGB | 64, 15, 148 |
| RGB Percent | 25%, 6%, 58% |
| CMY | 0.7490, 0.9412, 0.4196 |
| CMYK | 0.57, 0.90, 0.00, 0.42 |
| HSL | 262°, 82%, 32% |
| HSV | 262°, 90%, 58% |
| XYZ | 7.6305, 3.5698, 28.3038 |
| YIQ | 44.8130, -13.4890, 51.7510 |

Conversions

Conversions Part 2

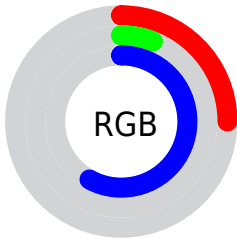
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 64, 15, 148 |
| Decimal | 4198292 |
| CIELab | 22.19, 51.06, -61.79 |
| CIELCh | 22, 80.157, 309.571 |
| Yxy | 3.5698, 0.1932, 0.0904 |
| Android (android.graphics.Color) | 4282388372 (0xFF400F94) |
| YUV | 44.8130, 50.8712, 16.8270 |
| Hunter-Lab | 18.8938, 39.0251, -75.5937 |

Details

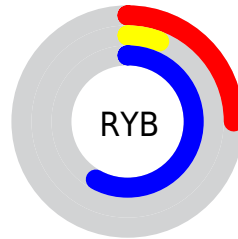
The Hex color **400F94** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **63940F**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7A44CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **370094**, and if you desaturate by 10%, it is **491E94**.

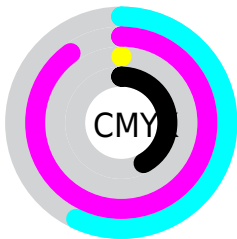
Distribution



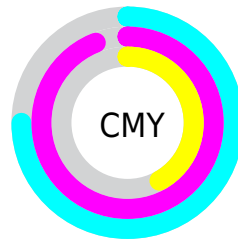
- Red (25%)
- Green (6%)
- Blue (58%)



- Red (25%)
- Yellow (6%)
- Blue (58%)



- Cyan (57%)
- Magenta (90%)
- Yellow (0%)
- Black (42%)



- Cyan (75%)
- Magenta (94%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 400F94 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 400F94 by changing the saturation by 10% instead.

 400F94

 400F94

FFFFFF

 1E0079

 7A44CB

 000060

 975EE8

 000047

 B478FF

 000430

 D192FF

 00011A

 EFAEFF

 000000

 FFCAFF

 FFE6FF

 400F94

 400F94

■ 370094

■ 491E94

■ 532D94

■ 5C3B94

■ 654A94

■ 6F5994

■ 786894

■ 817794

■ 8B8594

■ 949494

Harmonies

Analogous

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



003AB0



400F94



830060

Triad

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



400F94



622000



004948

Complementary

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



400F94



63940F

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.



004702



400F94



313900

Square

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



400F94



840000



004300



004A82

Rectangle

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



400F94



920039



004300



004833

Sweetspot

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



400F94



9F8CBF



0F6394



4D4261



E0E0E0



616161

Same Dimension

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



400F94



4600BF



820F94



45434A



33008A



04000A

Inverse Universe

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



940F63



BF0079



21940F



4A4347



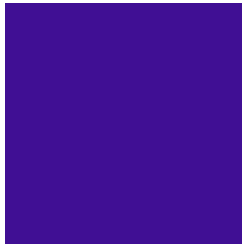
8A0057



0A0006

Previews

White Background



This preview shows how the Hex color 400F94 looks on a white background.

Color Contrast Check

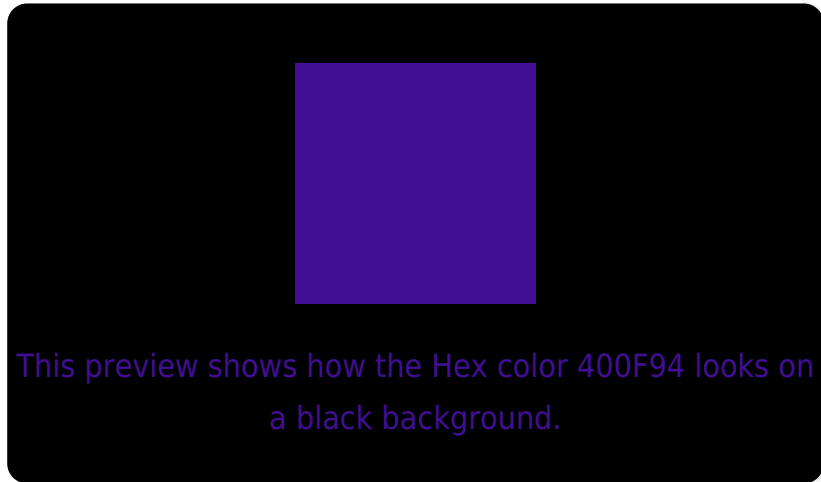
Large Text (above 18pt) WCAG AA ✓ Pass

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

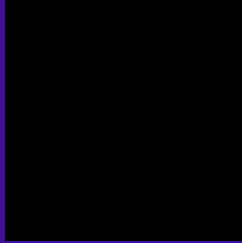
Any Text WCAG AA × Fail

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 400F94 Background



This preview shows how black text looks on a background with the Hex color 400F94.



This preview shows how white text looks on a background with the Hex color 400F94.

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
400F94

Protanopia
00356F

Deuteranopia
00385F



Tritanopia
203B3F

Trichromacy



Original Color
400F94

Protanomaly
17277C

Deuteranomaly
172972

Tritanomaly
2C2B5E

Monochromacy



Original Color
400F94

Achromatopsia
2D2D2D

Achromatomaly
342252

CSS Examples

Text

The CSS property to change the color of the text to Hex 400F94 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 #400F94 looks like.

```
.text, #text, p{  
    color:#400F94  
}
```

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 #400F94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400F94
}
```

Border

The CSS property to change the border of an element to Hex 400F94 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
#400F94 }
```

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

```
.border{ border-color:#400F94 }
```

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

Here you see how a box with a 4 pixel #400F94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400F94; -webkit-box-shadow:4px 4px  
4px 4px #400F94; box-shadow:4px 4px 4px  
4px #400F94 }
```

Background

The CSS property to change the background color of an element to Hex 400F94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400F94 }
```

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

```
.background{ background-color:#400F94 }
```

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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