

Converting Colors

Hex(400866)

Have a look what the booklet for
Hex(400866) contains.

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Color

Hex(400866)

Conversions

Conversions Part 1

Format	Color
Hex	400866
RGB	64, 8, 102
RGB Percent	25%, 3%, 40%
CMY	0.7490, 0.9686, 0.6000
CMYK	0.37, 0.92, 0.00, 0.60
HSL	276°, 85%, 22%
HSV	276°, 92%, 40%
XYZ	4.5995, 2.2230, 12.7570
YIQ	35.4600, 3.2020, 41.1060

Conversions

Conversions Part 2

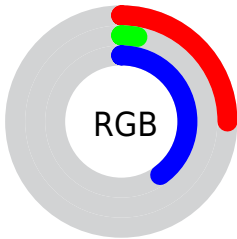
Format	Color
RYB	64, 8, 102
Decimal	4196454
CIELab	16.62, 41.62, -41.63
CIELCh	17, 58.864, 314.991
Yxy	2.2230, 0.2349, 0.1135
Android (android.graphics.Color)	4282386534 (0xFF400866)
YUV	35.4600, 32.8042, 25.0296
Hunter-Lab	14.9096, 28.9736, -40.2933

Details

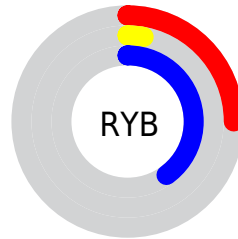
The Hex color **400866** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2E6608**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **743C9A**, and **0D0036** is the 20% darker color. If you saturate the color by 10%, you get **3D0066**, and if you desaturate by 10%, it is **441266**.

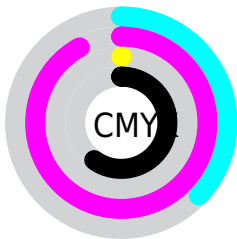
Distribution



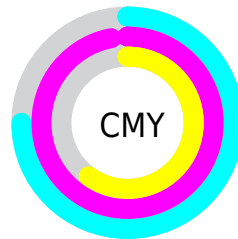
- Red (25%)
- Green (3%)
- Blue (40%)



- Red (25%)
- Yellow (3%)
- Blue (40%)



- Cyan (37%)
- Magenta (92%)
- Yellow (0%)
- Black (60%)



- Cyan (75%)
- Magenta (97%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 400866 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 400866 by changing the saturation by 10% instead.

 400866

 400866

 FFF8FF

 26004D

 743C9A

 0D0036

 8F55B5

 000220

 AB6FD1

 000003

 C789ED

 000000

 E4A4FF

 FFBFFF

 FFDBFF

 400866

 400866

■ 3D0066

■ 441266

■ 481C66

■ 4C2766

■ 503166

■ 553B66

■ 594566

■ 5D4F66

■ 615A66

■ 656466

Harmonies

Analogous

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



00297D



400866



650040

Triad

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



400866



451F00



00393E

Complementary

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



400866



2E6608

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.



003711



400866



202E00

Square

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



400866



5F0000



003400



003865

Rectangle

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



400866



6D0024



003400



00382F

Sweetspot

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



400866



765F85



082F66



392C42



C2C2C2



424242

Same Dimension

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



400866



4F0085



66085E



312E33



440073



9000F2

Inverse Universe

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



66082E



850036



086610



332E30



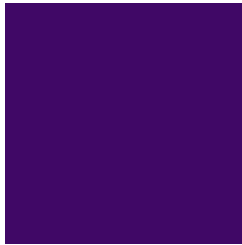
73002E



F20062

Previews

White Background



This preview shows how the Hex color 400866 looks on a white background.

Color Contrast Check

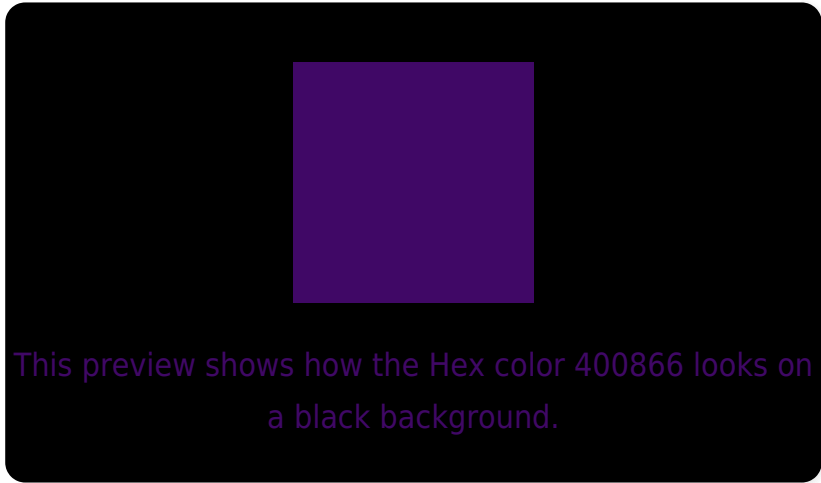
Large Text (above 18pt) WCAG AA ✓ Pass

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

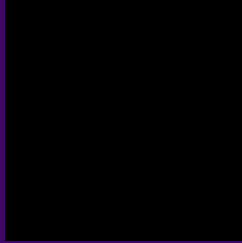
Any Text WCAG AA × Fail

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 400866 Background



This preview shows how black text looks on a background with the Hex color 400866.



This preview shows how white text looks on a background with the Hex color 400866.

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
400866

Protanopia
002A59

Deuteranopia
002D4C



Tritanopia
34282B

Trichromacy



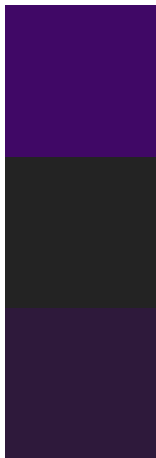
Original Color
400866

Protanomaly
171E5E

Deuteranomaly
172055

Tritanomaly
381C40

Monochromacy



Original Color
400866

Achromatopsia
232323

Achromatomaly
2E193B

CSS Examples

Text

The CSS property to change the color of the text to Hex 400866 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 #400866 looks like.

```
.text, #text, p{  
    color:#400866  
}
```

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 #400866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400866
}
```

Border

The CSS property to change the border of an element to Hex 400866 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
#400866 }
```

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

```
.border{ border-color:#400866 }
```

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

Here you see how a box with a 4 pixel #400866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400866; -webkit-box-shadow:4px 4px  
4px 4px #400866; box-shadow:4px 4px 4px  
4px #400866 }
```

Background

The CSS property to change the background color of an element to Hex 400866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400866 }
```

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

```
.background{ background-color:#400866 }
```

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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