

Converting Colors

Hex(400B62)

Have a look what the booklet for
Hex(400B62) contains.

Hex(400B62)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(400B62)

Conversions

Conversions Part 1

Format	Color
Hex	400B62
RGB	64, 11, 98
RGB Percent	25%, 4%, 38%
CMY	0.7490, 0.9569, 0.6157
CMYK	0.35, 0.89, 0.00, 0.62
HSL	277°, 80%, 21%
HSV	277°, 89%, 38%
XYZ	4.4386, 2.2112, 11.7481
YIQ	36.7650, 3.6610, 38.2930

Conversions

Conversions Part 2

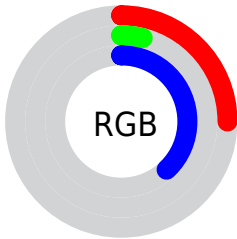
Format	Color
RYB	64, 11, 98
Decimal	4197218
CIELab	16.56, 39.72, -39.08
CIELCh	17, 55.718, 315.464
Yxy	2.2112, 0.2413, 0.1202
Android (android.graphics.Color)	4282387298 (0xFF400B62)
YUV	36.7650, 30.1889, 23.8851
Hunter-Lab	14.8700, 27.2589, -36.4333

Details

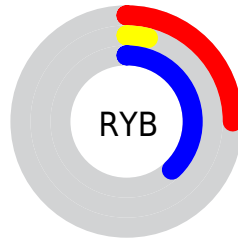
The Hex color **400B62** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2D620B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **743E96**, and **0E0033** is the 20% darker color. If you saturate the color by 10%, you get **3C0162**, and if you desaturate by 10%, it is **441562**.

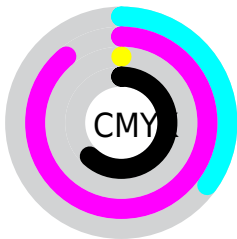
Distribution



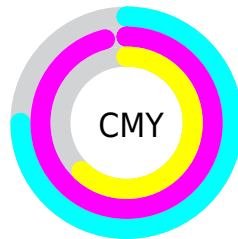
- Red (25%)
- Green (4%)
- Blue (38%)



- Red (25%)
- Yellow (4%)
- Blue (38%)



- Cyan (35%)
- Magenta (89%)
- Yellow (0%)
- Black (62%)



- Cyan (75%)
- Magenta (96%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 400B62 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 400B62 by changing the saturation by 10% instead.

 400B62

 400B62

 FFF9FF

 27004A

 743E96

 0E0033

 8F56B1

 00021C

 AA70CC

 000000

 C68AE9

 E3A5FF

 FFC0FF

 FFDDFF

 400B62

 400B62

■ 3C0162

■ 441562

■ 3C0062

■ 481F62

■ 4B2862

■ 4F3262

■ 533C62

■ 574662

■ 5B5062

■ 5F5962

■ 626362

Harmonies

Analogous

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



002878



400B62



62003E

Triad

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



400B62



432000



00383D

Complementary

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



400B62



2D620B

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.



003713



400B62



202E00

Square

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



400B62



5D0000



003400



003762

Rectangle

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



400B62



690024



003400



003830

Sweetspot

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



400B62



725D80



0B2E62



382B40



BFBFBF



404040

Same Dimension

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



400B62



4E0080



620B59



2F2C30



440070



9200F0

Inverse Universe

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



620B2D



800032



0B6214



302C2D



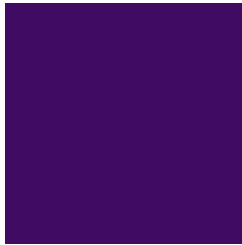
70002C



F0005E

Previews

White Background



This preview shows how the Hex color 400B62 looks on a white background.

Color Contrast Check

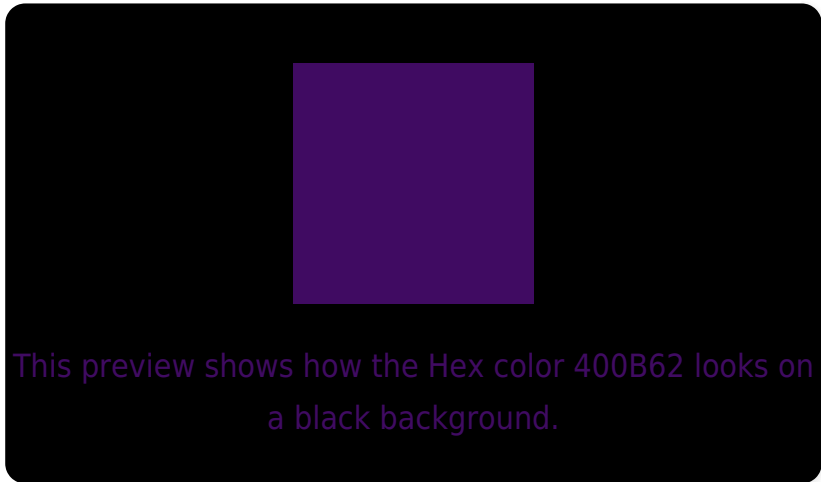
Large Text (above 18pt) WCAG AA ✓ Pass

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

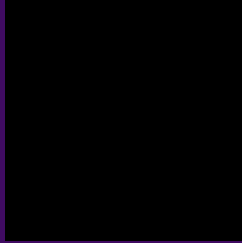
Any Text WCAG AA × Fail

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 400B62 Background



This preview shows how black text looks on a background with the Hex color 400B62.



This preview shows how white text looks on a background with the Hex color 400B62.

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](#).

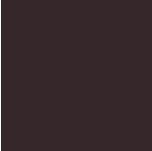
Dichromacy



Original Color
400B62

Protanopia
002A58

Deuteranopia
002C4C



Tritanopia
35272A

Trichromacy



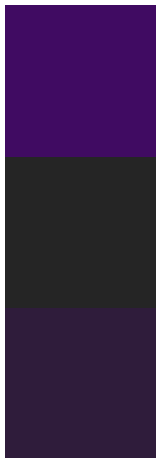
Original Color
400B62

Protanomaly
171F5C

Deuteranomaly
172054

Tritanomaly
391D3E

Monochromacy



Original Color
400B62

Achromatopsia
252525

Achromatomaly
2F1C3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 400B62 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 #400B62 looks like.

```
.text, #text, p{  
    color:#400B62  
}
```

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 #400B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400B62
}
```

Border

The CSS property to change the border of an element to Hex 400B62 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
#400B62 }
```

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

```
.border{ border-color:#400B62 }
```

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

Here you see how a box with a 4 pixel #400B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400B62; -webkit-box-shadow:4px 4px  
4px 4px #400B62; box-shadow:4px 4px 4px  
4px #400B62 }
```

Background

The CSS property to change the background color of an element to Hex 400B62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400B62 }
```

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

```
.background{ background-color:#400B62 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor