

Converting Colors

Hex(400B30)

Have a look what the booklet for
Hex(400B30) contains.

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Color

Hex(400B30)

Conversions

Conversions Part 1

Format	Color
Hex	400B30
RGB	64, 11, 48
RGB Percent	25%, 4%, 19%
CMY	0.7490, 0.9569, 0.8118
CMYK	0.00, 0.83, 0.25, 0.75
HSL	318°, 71%, 15%
HSV	318°, 83%, 25%
XYZ	2.7675, 1.5427, 2.9482
YIQ	31.0650, 19.7110, 22.7430

Conversions

Conversions Part 2

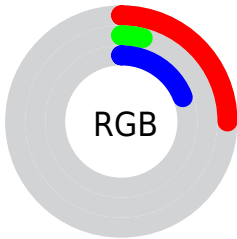
Format	Color
R_{YB}	64, 11, 48
Decimal	4197168
CIE _{Lab}	12.88, 29.35, -10.27
CIE _{LCh}	13, 31.097, 340.718
Yxy	1.5427, 0.3813, 0.2125
Android (android.graphics.Color)	4282387248 (0xFF400B30)
YUV	31.0650, 8.3490, 28.8840
Hunter-Lab	12.4207, 18.0364, -5.3788




Details

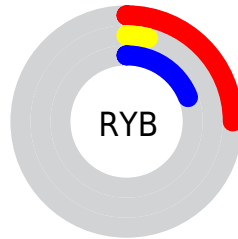
The Hex color **400B30** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0B401B**, and the grayscale version is **1F1F1F**.




A 20% lighter version of the original color is **723B5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **40052E**, and if you desaturate by 10%, it is **401132**.

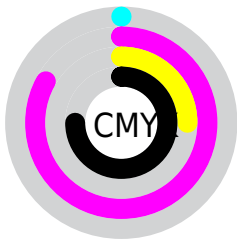
Distribution







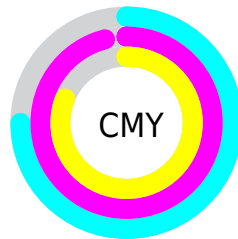
-  Red (25%)
-  Green (4%)
-  Blue (19%)






-  Red (25%)
-  Yellow (4%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (83%)
-  Yellow (25%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (96%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 400B30 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 400B30 by changing the saturation by 10% instead.

 400B30

 400B30

 FFF4FF

 2A001B

 723B5E

 000000

 8C5377

 A76C90

 C385AB

 DFA0C6

 FCBBE2

 FFD7FF

 400B30

 400B30

■ 40052E

■ 401132

■ 40002D

■ 401834

■ 401E36

■ 402538

■ 402B3A

■ 40313C

■ 40383E

■ 403E3F

■ 404541

Harmonies

Analogous

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



2B1742



400B30



47061B

Triad

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



400B30



242300



002A3D

Complementary

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



400B30



0B401B

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.



002B29



400B30



0D2700

Square

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



400B30



361B00



002A12



00284A

Rectangle

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



400B30



450C0A



002A12



002B37

Sweetspot

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



400B30



543F4E



1B0B40



2B1E27



ABABAB



2B2B2B

Same Dimension

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



400B30



54013B



400B16



211E20



610044



E0009D

Inverse Universe

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



400B30



54013B



0B4035



211E20



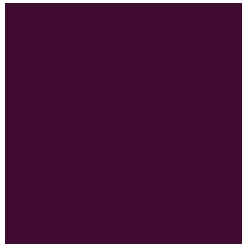
610044



E0009D

Previews

White Background



This preview shows how the Hex color 400B30 looks on a white background.

Color Contrast Check

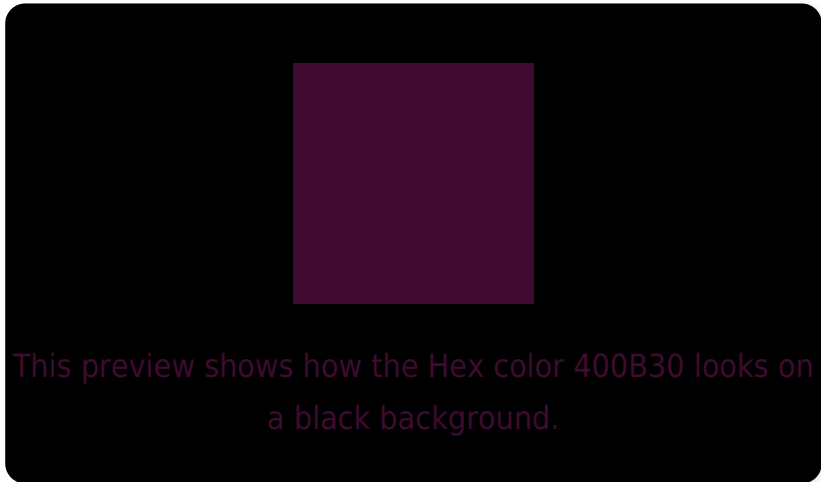
Large Text (above 18pt) WCAG AA ✓ Pass

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

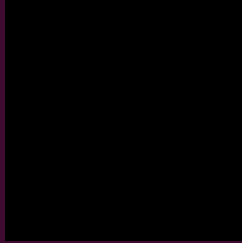
Any Text WCAG AA × Fail

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 400B30 Background



This preview shows how black text looks on a background with the Hex color 400B30.



This preview shows how white text looks on a background with the Hex color 400B30.

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](#).

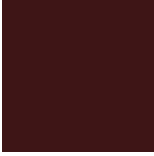
Dichromacy



Original Color
400B30

Protanopia
142342

Deuteranopia
22232D



Tritanopia
3E1516

Trichromacy



Original Color
400B30

Protanomaly
241A3B

Deuteranomaly
2D1A2E

Tritanomaly
3F111F

Monochromacy



Original Color
400B30

Achromatopsia
1F1F1F

Achromatomaly
2B1825

CSS Examples

Text

The CSS property to change the color of the text to Hex 400B30 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 #400B30 looks like.

```
.text, #text, p{  
    color:#400B30  
}
```

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 #400B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400B30
}
```

Border

The CSS property to change the border of an element to Hex 400B30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

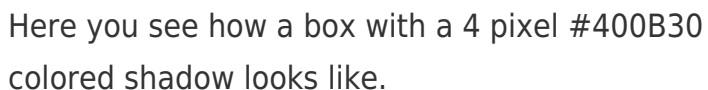
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#400B30 }
```

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

```
.border{ border-color:#400B30 }
```

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



Here you see how a box with a 4 pixel #400B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400B30; -webkit-box-shadow:4px 4px  
4px 4px #400B30; box-shadow:4px 4px 4px  
4px #400B30 }
```

Background

The CSS property to change the background color of an element to Hex 400B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400B30 }
```

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

```
.background{ background-color:#400B30 }
```

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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