

Converting Colors

Hex(A40B84)

Have a look what the booklet for
Hex(A40B84) contains.

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Color

Hex(A40B84)

Conversions

Conversions Part 1

Format	Color
Hex	A40B84
RGB	164, 11, 132
RGB Percent	64%, 4%, 52%
CMY	0.3569, 0.9569, 0.4824
CMYK	0.00, 0.93, 0.20, 0.36
HSL	313°, 87%, 34%
HSV	313°, 93%, 64%
XYZ	19.5944, 9.7978, 22.6882
YIQ	70.5410, 52.3470, 70.0670

Conversions

Conversions Part 2

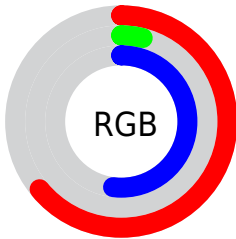
Format	Color
RYB	164, 11, 132
Decimal	10750852
CIELab	37.48, 64.87, -26.37
CIElCh	37, 70.021, 337.878
Yxy	9.7978, 0.3762, 0.1881
Android (android.graphics.Color)	4288940932 (0xFFA40B84)
YUV	70.5410, 30.2993, 81.9635
Hunter-Lab	31.3014, 56.9616, -21.0642

Details

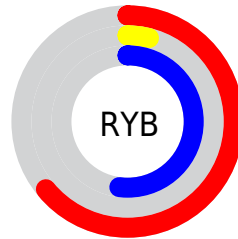
The Hex color **A40B84** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **0BA42B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **DF54B9**, and **6B0052** is the 20% darker color. If you saturate the color by 10%, you get **A40082**, and if you desaturate by 10%, it is **A41B87**.

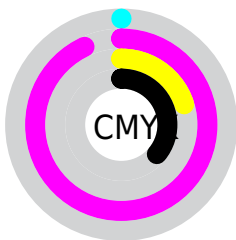
Distribution



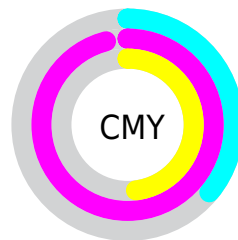
- Red (64%)
- Green (4%)
- Blue (52%)



- Red (64%)
- Yellow (4%)
- Blue (52%)



- Cyan (0%)
- Magenta (93%)
- Yellow (20%)
- Black (36%)



- Cyan (36%)
- Magenta (96%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color A40B84 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 A40B84 by changing the saturation by 10% instead.

 A40B84

 A40B84

FFFFFF

 87006B

 DF54B9

 6B0052

 FD70D5

 50003B

 FF8DF2

 360025

 FFA9FF

 14000C

 FFC6FF

 000000

 FFE3FF

 A40B84

 A40B84

 A40082

 A41B87

 A42C8B

 A43C8E

 A44D92

 A45D95

 A46D99

 A47E9C

 A48E9F

 A49FA3

Harmonies

Analogous

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



6740B3



A40B84



B7004C

Triad

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



A40B84



5F5B00



006F9D

Complementary

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



A40B84



0BA42B

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.



006F66



A40B84



176700

Square

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



A40B84



8D4500



006D2A



006AC2

Rectangle

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



A40B84



B30328



006D2A



006F8C

Sweetspot

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



A40B84



D69ACA



2A0BA4



6B4763



EBEBEB



6B6B6B

Same Dimension

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



A40B84



D600A9



A40B39



524950



910073



12000E

Inverse Universe

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



A40B84



D600A9



0BA476



524950



910073



12000E

Previews

White Background



This preview shows how the Hex color A40B84 looks on a white background.

Color Contrast Check

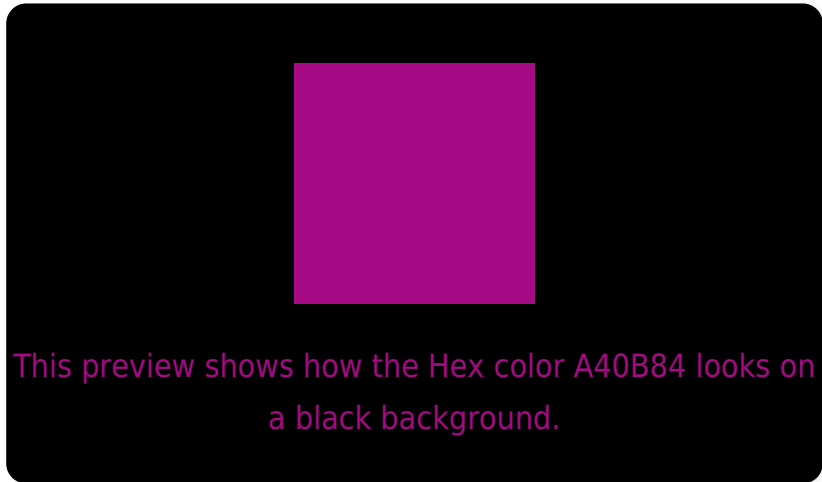
Large Text (above 18pt) WCAG AA ✓ Pass

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

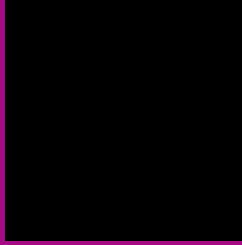
Any Text WCAG AA × Fail

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 A40B84 Background



This preview shows how black text looks on a background with the Hex color A40B84.




This preview shows how white text looks on a background with the Hex color A40B84.

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



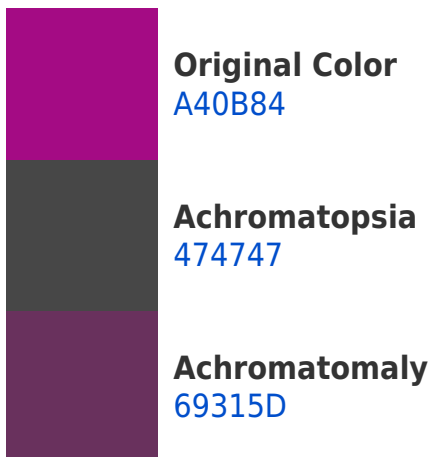


Tritanopia
9E3538

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A40B84 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 #A40B84 looks like.

```
.text, #text, p{  
    color:#A40B84  
}
```

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 #A40B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A40B84
}
```

Border

The CSS property to change the border of an element to Hex A40B84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

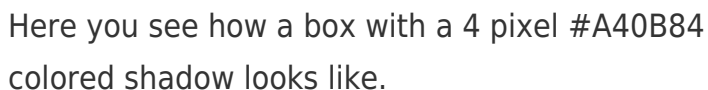
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A40B84 }
```

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

```
.border{ border-color:#A40B84 }
```

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



Here you see how a box with a 4 pixel #A40B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A40B84; -webkit-box-shadow:4px 4px  
4px 4px #A40B84; box-shadow:4px 4px 4px  
4px #A40B84 }
```

Background

The CSS property to change the background color of an element to Hex A40B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A40B84 }
```

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

```
.background{ background-color:#A40B84 }
```

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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