

Converting Colors

Hex(000A98)

Have a look what the booklet for
Hex(000A98) contains.

Hex(000A98)	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(000A98)

Conversions

Conversions Part 1

Format	Color
Hex	000A98
RGB	0, 10, 152
RGB Percent	0%, 4%, 60%
CMY	1.0000, 0.9608, 0.4039
CMYK	1.00, 0.93, 0.00, 0.40
HSL	236°, 100%, 30%
HSV	236°, 100%, 60%
XYZ	5.7760, 2.4841, 29.8808
YIQ	23.1980, -51.5420, 42.0420

Conversions

Conversions Part 2

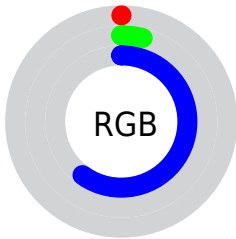
Format	Color
RYB	0, 9, 152
Decimal	2712
CIELab	17.85, 50.69, -71.61
CIELCh	18, 87.737, 305.291
Yxy	2.4841, 0.1514, 0.0651
Android (android.graphics.Color)	4278192792 (0xFF000A98)
YUV	23.1980, 63.4994, -20.3446
Hunter-Lab	15.7610, 37.8345, -101.3737

Details

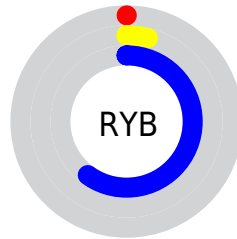
The Hex color **000A98** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **988E00**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5A3DD0**, and **000063** is the 20% darker color. If you saturate the color by 10%, you get **000A98**, and if you desaturate by 10%, it is **0F1898**.

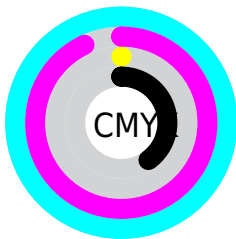
Distribution



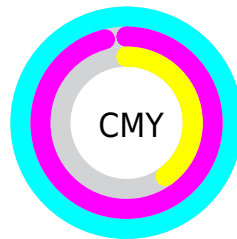
- Red (0%)
- Green (4%)
- Blue (60%)



- Red (0%)
- Yellow (4%)
- Blue (60%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (96%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000A98 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 000A98 by changing the saturation by 10% instead.

 000A98

 000A98

 FFF8FF

 00007D

 5A3DD0

 000063

 7855ED

 00094A

 966FFF

 000433

 B489FF

 00021D

 D2A4FF

 000000

 F1BFFF

 FFDCFF

 000A98

■ 0F1898

■ 1E2698

■ 2E3598

■ 3D4398

■ 4C5198

■ 5B5F98

■ 6A6D98

■ 7A7C98

■ 898A98

Harmonies

Analogous

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



0036B1



000A98



780062

Triad

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



000A98



5E0600



003E36

Complementary

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



000A98



988E00

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.



003D00



000A98



2D2E00

Square

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



000A98



800000



003900



004176

Rectangle

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



000A98



8A0039



003900



003D20

Sweetspot

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



000A98



898DC4



00988E



404263



E3E3E3



636363

Same Dimension

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



000A98



000DC4



420098



45454D



00098C



00010D

Inverse Universe

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



98000A



C4000D



569800



4D4545



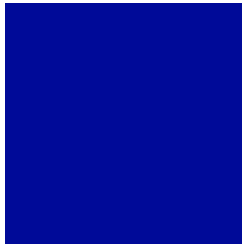
8C0009



0D0001

Previews

White Background



This preview shows how the Hex color 000A98 looks on a white background.

Color Contrast Check

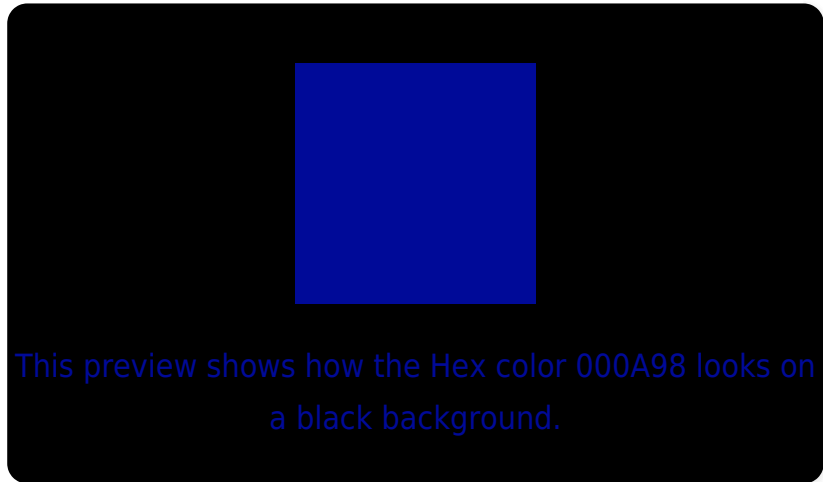
Large Text (above 18pt) WCAG AA ✓ Pass

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

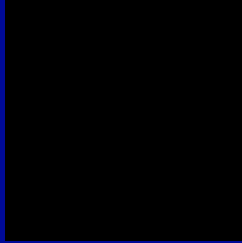
Any Text WCAG AA × Fail

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 000A98 Background



This preview shows how black text looks on a background with the Hex color 000A98.



This preview shows how white text looks on a background with the Hex color 000A98.

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
000A98

Protanopia
002D5E

Deuteranopia
003050

Trichromacy



Original Color
000A98

Protanomaly
002073

Deuteranomaly
00226A

Tritanomaly
00255A

Monochromacy



Original Color
000A98

Achromatopsia
171717

Achromatomaly
0F1246

CSS Examples

Text

The CSS property to change the color of the text to Hex 000A98 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 #000A98 looks like.

```
.text, #text, p{  
    color:#000A98  
}
```

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 #000A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000A98
}
```

Border

The CSS property to change the border of an element to Hex 000A98 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
#000A98 }
```

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

```
.border{ border-color:#000A98 }
```

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

Here you see how a box with a 4 pixel #000A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000A98; -webkit-box-shadow:4px 4px  
4px 4px #000A98; box-shadow:4px 4px 4px  
4px #000A98 }
```

Background

The CSS property to change the background color of an element to Hex 000A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000A98 }
```

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

```
.background{ background-color:#000A98 }
```

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