

Converting Colors

Hex(001D8A)

Have a look what the booklet for
Hex(001D8A) contains.

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Color

Hex(001D8A)

Conversions

Conversions Part 1

Format	Color
Hex	001D8A
RGB	0, 29, 138
RGB Percent	0%, 11%, 54%
CMY	1.0000, 0.8863, 0.4588
CMYK	1.00, 0.79, 0.00, 0.46
HSL	227°, 100%, 27%
HSV	227°, 100%, 54%
XYZ	5.0268, 2.7137, 24.3036
YIQ	32.7550, -52.2730, 27.7510

Conversions

Conversions Part 2

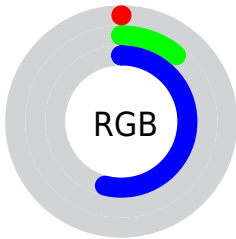
Format	Color
R_{YB}	0, 24, 138
Decimal	7562
CIE _{Lab}	18.86, 37.43, -61.22
CIE _{LCh}	19, 71.754, 301.441
Y _{xy}	2.7137, 0.1569, 0.0847
Android (android.graphics.Color)	4278197642 (0xFF001D8A)
YUV	32.7550, 51.8858, -28.7261
Hunter-Lab	16.4733, 25.6406, -75.9410

Details

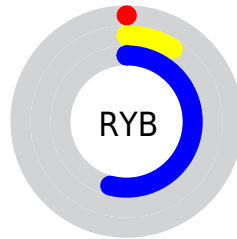
The Hex color **001D8A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8A6D00**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **534AC1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **001D8A**, and if you desaturate by 10%, it is **0E288A**.

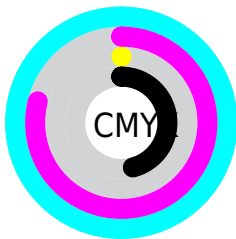
Distribution



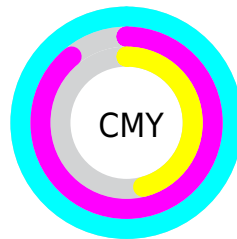
- Red (0%)
- Green (11%)
- Blue (54%)



- Red (0%)
- Yellow (9%)
- Blue (54%)



- Cyan (100%)
- Magenta (79%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (89%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001D8A 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 001D8A by changing the saturation by 10% instead.

■ 001D8A

■ 001D8A

FFFFFF

■ 000870

■ 534AC1

■ 000057

■ 7162DD

■ 00063E

■ 8E7BFA

■ 000327

■ AB95FF

■ 000111

■ C8B0FF

■ 000000

■ E6CCFF

■ FFE8FF

■ 001D8A

■ 0E288A

■ 1C338A

■ 293E8A

■ 37498A

■ 45538A

■ 535E8A

■ 61698A

■ 6E748A

■ 7C7F8A

Harmonies

Analogous

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



00379B



001D8A



690061

Triad

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



001D8A



5F0F00



003F2F

Complementary

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



001D8A



8A6D00

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



001D8A



382E00

Square

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



001D8A



790000



003900



004064

Rectangle

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



001D8A



7C003F



003900



003F1D

Sweetspot

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



001D8A



7D88B3



008A6C



394059



D9D9D9



595959

Same Dimension

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



001D8A



0026B3



27008A



3E3F45



001C85



000105

Inverse Universe

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



8A001D



B30026



638A00



453E3F



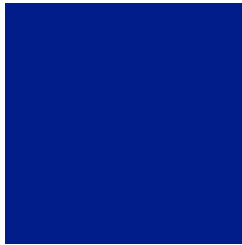
85001C



050001

Previews

White Background



This preview shows how the Hex color 001D8A looks on a white background.

Color Contrast Check

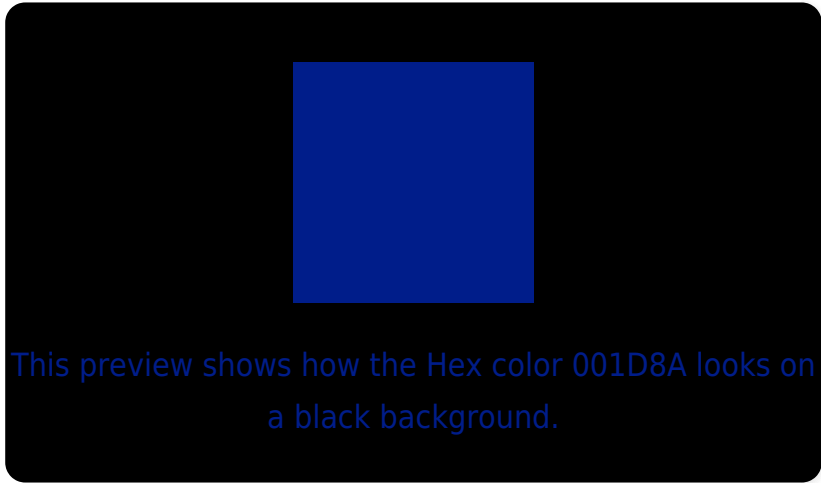
Large Text (above 18pt) WCAG AA ✓ Pass

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

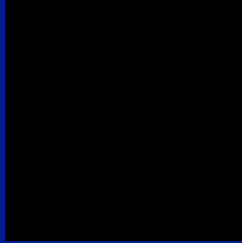
Any Text WCAG AA × Fail

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 001D8A Background



This preview shows how black text looks on a background with the Hex color 001D8A.



This preview shows how white text looks on a background with the Hex color 001D8A.

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
001D8A

Protanopia
002E60

Deuteranopia
003151

Trichromacy



Original Color
001D8A

Protanomaly
00286F

Deuteranomaly
002A66

Monochromacy



Original Color
001D8A

Achromatopsia
212121

Achromatomaly
152047

CSS Examples

Text

The CSS property to change the color of the text to Hex 001D8A 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 #001D8A looks like.

```
.text, #text, p{  
    color:#001D8A  
}
```

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 #001D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001D8A
}
```

Border

The CSS property to change the border of an element to Hex 001D8A 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
#001D8A }
```

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

```
.border{ border-color:#001D8A }
```

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

Here you see how a box with a 4 pixel #001D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001D8A; -webkit-box-shadow:4px 4px  
4px 4px #001D8A; box-shadow:4px 4px 4px  
4px #001D8A }
```

Background

The CSS property to change the background color of an element to Hex 001D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001D8A }
```

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

```
.background{ background-color:#001D8A }
```

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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