

Converting Colors

Hex(1D0094)

Have a look what the booklet for
Hex(1D0094) contains.

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Color

Hex(1D0094)

Conversions

Conversions Part 1

Format	Color
Hex	1D0094
RGB	29, 0, 148
RGB Percent	11%, 0%, 58%
CMY	0.8863, 1.0000, 0.4196
CMYK	0.80, 1.00, 0.00, 0.42
HSL	252°, 100%, 29%
HSV	252°, 100%, 58%
XYZ	5.8520, 2.3993, 28.1717
YIQ	25.5430, -30.2240, 52.1760

Conversions

Conversions Part 2

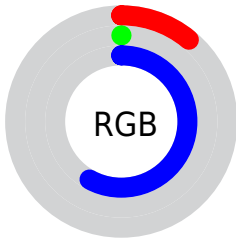
Format	Color
RYB	29, 0, 148
Decimal	1900692
CIELab	17.46, 53.22, -69.76
CIELCh	17, 87.744, 307.343
Yxy	2.3993, 0.1607, 0.0659
Android (android.graphics.Color)	4280090772 (0xFF1D0094)
YUV	25.5430, 60.3713, 3.0318
Hunter-Lab	15.4898, 40.3297, -96.9895

Details

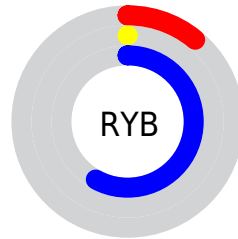
The Hex color **1D0094** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **779400**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **6338CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **1D0094**, and if you desaturate by 10%, it is **290F94**.

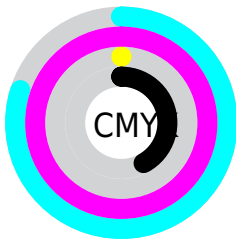
Distribution



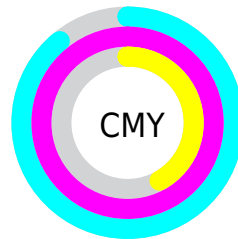
- Red (11%)
- Green (0%)
- Blue (58%)



- Red (11%)
- Yellow (0%)
- Blue (58%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (89%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D0094 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 1D0094 by changing the saturation by 10% instead.

 1D0094

 1D0094

 FFF5FF

 000079

 6338CB

 000060

 8051E8

 000847

 9E6BFF

 00042F

 BC85FF

 00011A

 DAA0FF

 000000

 F8BCFF

 FFD8FF

 1D0094

■ 290F94

■ 351E94

■ 412C94

■ 4D3B94

■ 584A94

■ 645994

■ 706894

■ 7C7694

■ 888594

Harmonies

Analogous

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



0034B0



1D0094



79005D

Triad

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



1D0094



5A0B00



003D3A

Complementary

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



1D0094



779400

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.



003C00



1D0094



282E00

Square

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



1D0094



7D0000



003800



004079

Rectangle

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



1D0094



8A0034



003800



003C24

Sweetspot

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



1D0094



9186BF



007994



453E61



E0E0E0



616161

Same Dimension

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



1D0094



2500BF



650094



44434A



1B008A



02000A

Inverse Universe

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



940077



BF009A



2F9400



4A4349



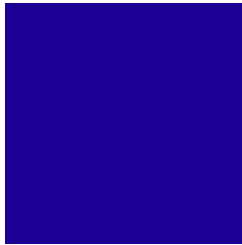
8A006F



0A0008

Previews

White Background



This preview shows how the Hex color 1D0094 looks on a white background.

Color Contrast Check

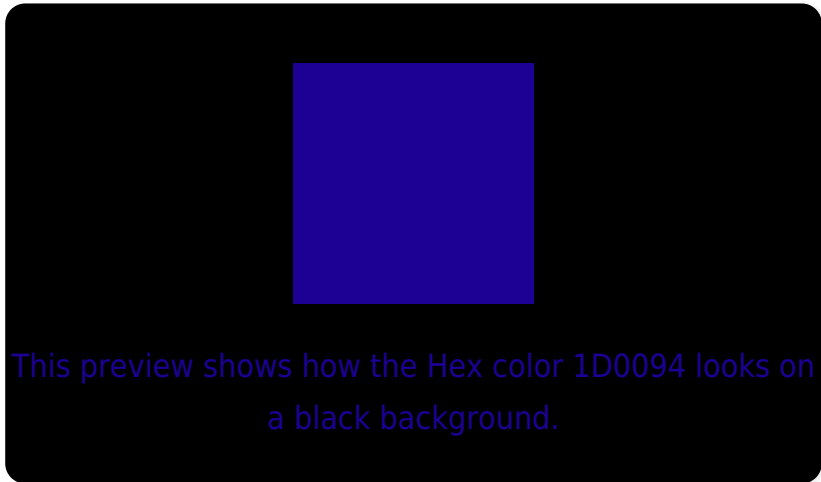
Large Text (above 18pt) WCAG AA ✓ Pass

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

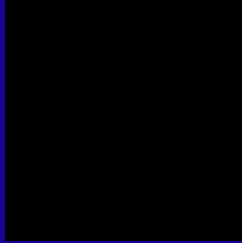
Any Text WCAG AA × Fail

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 1D0094 Background



This preview shows how black text looks on a background with the Hex color 1D0094.



This preview shows how white text looks on a background with the Hex color 1D0094.

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
1D0094

Protanopia
002D5E

Deuteranopia
003050

Trichromacy



Original Color
1D0094

Protanomaly
0B1D72

Deuteranomaly
0B1F69

Tritanomaly
0B2158

Monochromacy



Original Color
1D0094

Achromatopsia
1A1A1A

Achromatomaly
1B1146

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D0094 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 #1D0094 looks like.

```
.text, #text, p{  
    color:#1D0094  
}
```

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 #1D0094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0094
}
```

Border

The CSS property to change the border of an element to Hex 1D0094 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".

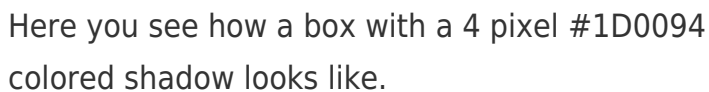
```
.border, #border, table{ border:4px solid
#1D0094 }
```

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

```
.border{ border-color:#1D0094 }
```

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

Here you see how a box with a 4 pixel #1D0094 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0094; -webkit-box-shadow:4px 4px  
4px 4px #1D0094; box-shadow:4px 4px 4px  
4px #1D0094 }
```

Background

The CSS property to change the background color of an element to Hex 1D0094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0094 }
```

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

```
.background{ background-color:#1D0094 }
```

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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