

Converting Colors

Hex(001493)

Have a look what the booklet for
Hex(001493) contains.

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Color

Hex(001493)

Conversions

Conversions Part 1

Format	Color
Hex	001493
RGB	0, 20, 147
RGB Percent	0%, 8%, 58%
CMY	1.0000, 0.9216, 0.4235
CMYK	1.00, 0.86, 0.00, 0.42
HSL	232°, 100%, 29%
HSV	232°, 100%, 58%
XYZ	5.5166, 2.6069, 27.8162
YIQ	28.4980, -52.6870, 35.2570

Conversions

Conversions Part 2

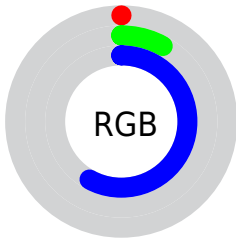
Format	Color
RYB	0, 18, 147
Decimal	5267
CIELab	18.40, 45.33, -67.60
CIELCh	18, 81.395, 303.846
Yxy	2.6069, 0.1535, 0.0725
Android (android.graphics.Color)	4278195347 (0xFF001493)
YUV	28.4980, 58.4215, -24.9927
Hunter-Lab	16.1459, 32.7334, -90.8429

Details

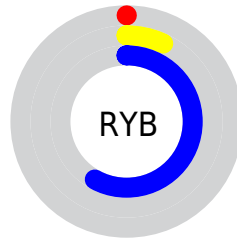
The Hex color **001493** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **937F00**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5743CA**, and **00005F** is the 20% darker color. If you saturate the color by 10%, you get **001493**, and if you desaturate by 10%, it is **0F2193**.

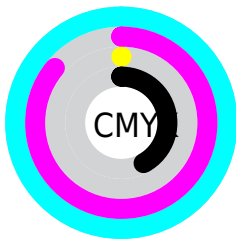
Distribution



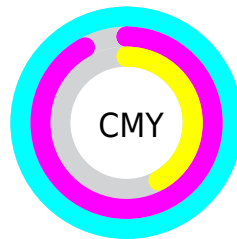
- Red (0%)
- Green (8%)
- Blue (58%)



- Red (0%)
- Yellow (7%)
- Blue (58%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (92%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001493 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 001493 by changing the saturation by 10% instead.


 001493

 001493

FFFEFF

 000078

 5743CA

 00005F

 765BE7

 000846

 9374FF

 00042F

 B18FFF

 000119

 CFA9FF

 000000

 EDC5FF

 FFE1FF

 001493

■ 0F2193

■ 1D2D93

■ 2C3A93

■ 3B4793

■ 4A5493

■ 586093

■ 676D93

■ 767A93

■ 848693

Harmonies

Analogous

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



0037A9



001493



720062

Triad

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



001493



5F0A00



003F34

Complementary

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



001493



937F00

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.



003E00



001493



322E00

Square

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



001493



7E0000



003900



00416F

Rectangle

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



001493



85003C



003900



003F1E

Sweetspot

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



001493



868EBF



00937D



3E4361



E0E0E0



616161

Same Dimension

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



001493



001ABF



330093



43444A



00138A



00010A

Inverse Universe

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



930014



BF001A



609300



4A4344



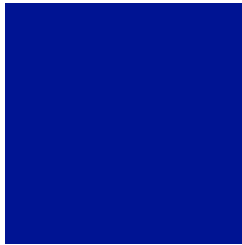
8A0013



0A0001

Previews

White Background



This preview shows how the Hex color 001493 looks on a white background.

Color Contrast Check

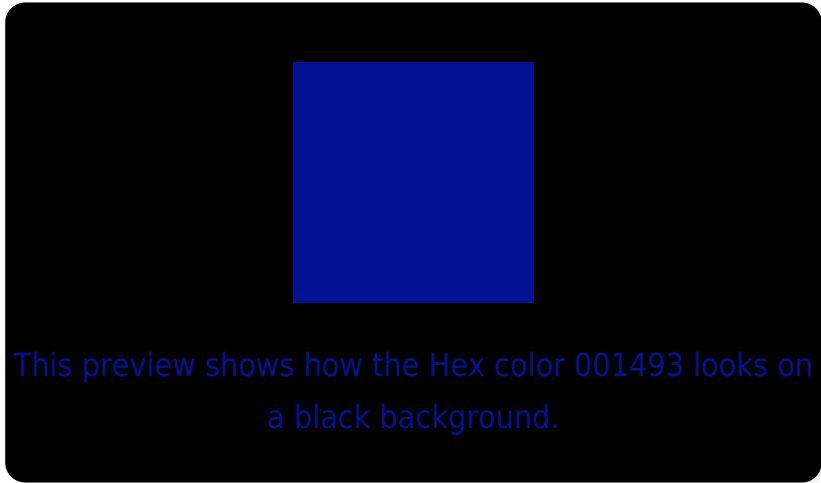
Large Text (above 18pt) WCAG AA ✓ Pass

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

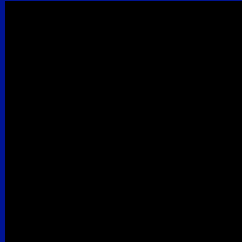
Any Text WCAG AA × Fail

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 001493 Background



This preview shows how black text looks on a background with the Hex color 001493.



This preview shows how white text looks on a background with the Hex color 001493.

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
001493

Protanopia
002D5F

Deuteranopia
003050

Trichromacy



Original Color
001493

Protanomaly
002472

Deuteranomaly
002668

Tritanomaly
002858

Monochromacy



Original Color
001493

Achromatopsia
1C1C1C

Achromatomaly
121947

CSS Examples

Text

The CSS property to change the color of the text to Hex 001493 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 #001493 looks like.

```
.text, #text, p{  
    color:#001493  
}
```

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 #001493 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001493
}
```

Border

The CSS property to change the border of an element to Hex 001493 is called "border". The border property can be set on classes, ids or directly on the HTML element.

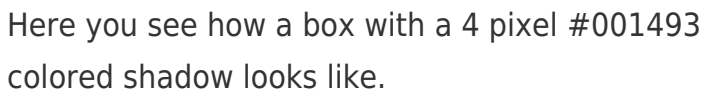
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001493 }
```

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

```
.border{ border-color:#001493 }
```

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



Here you see how a box with a 4 pixel #001493 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001493; -webkit-box-shadow:4px 4px  
4px 4px #001493; box-shadow:4px 4px 4px  
4px #001493 }
```

Background

The CSS property to change the background color of an element to Hex 001493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001493 }
```

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

```
.background{ background-color:#001493 }
```

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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