

Converting Colors

Hex(491893)

Have a look what the booklet for
Hex(491893) contains.

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Color

Hex(491893)

Conversions

Conversions Part 1

Format	Color
Hex	491893
RGB	73, 24, 147
RGB Percent	29%, 9%, 58%
CMY	0.7137, 0.9059, 0.4235
CMYK	0.50, 0.84, 0.00, 0.42
HSL	264°, 72%, 34%
HSV	264°, 84%, 58%
XYZ	8.3407, 4.1763, 27.9703
YIQ	52.6730, -10.2790, 48.6410

Conversions

Conversions Part 2

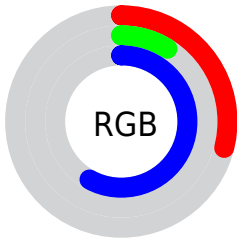
Format	Color
R _Y B	73, 24, 147
Decimal	4790419
CIE Lab	24.25, 48.72, -57.75
CIE LCh	24, 75.552, 310.151
Yxy	4.1763, 0.2060, 0.1032
Android (android.graphics.Color)	4282980499 (0xFF491893)
YUV	52.6730, 46.5032, 17.8268
Hunter-Lab	20.4360, 37.0897, -66.8434

Details

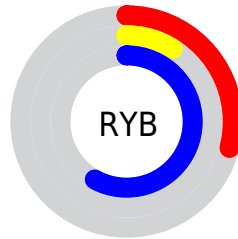
The Hex color **491893** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **629318**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **814BCA**, and **02005F** is the 20% darker color. If you saturate the color by 10%, you get **400993**, and if you desaturate by 10%, it is **522793**.

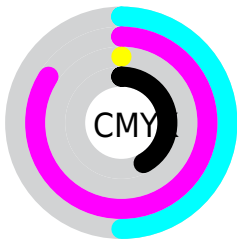
Distribution



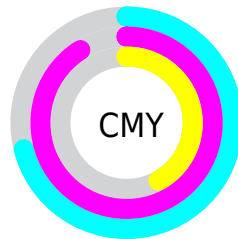
- Red (29%)
- Green (9%)
- Blue (58%)



- Red (29%)
- Yellow (9%)
- Blue (58%)



- Cyan (50%)
- Magenta (84%)
- Yellow (0%)
- Black (42%)



- Cyan (71%)
- Magenta (91%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 491893 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 491893 by changing the saturation by 10% instead.

491893

491893

FFFFFF

2B0079

814BCA

02005F

9E65E7

000046

BA7FFF

00042F

D899FF

000119

F5B5FF

000000

FFD1FF

FFEEFF

491893

491893

■ 400993

■ 522793

■ 3B0093

■ 5B3593

■ 644493

■ 6C5393

■ 756193

■ 7E7093

■ 877F93

■ 908E93

■ 999C93

Harmonies

Analogous

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



003DAE



491893



860062

Triad

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



491893



652700



004D4D

Complementary

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



491893



629318

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.



004B0D



491893



363E00

Square

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



491893



870000



004800



004E84

Rectangle

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



491893



93003C



004800



004D39

Sweetspot

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



491893



A28FBF



186493



4F4461



E0E0E0



616161

Same Dimension

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



491893



4C00BF



851893



46434A



37008A



04000A

Inverse Universe

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



931862



BF0073



269318



4A4347



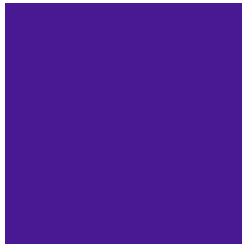
8A0053



0A0006

Previews

White Background



This preview shows how the Hex color 491893 looks on a white background.

Color Contrast Check

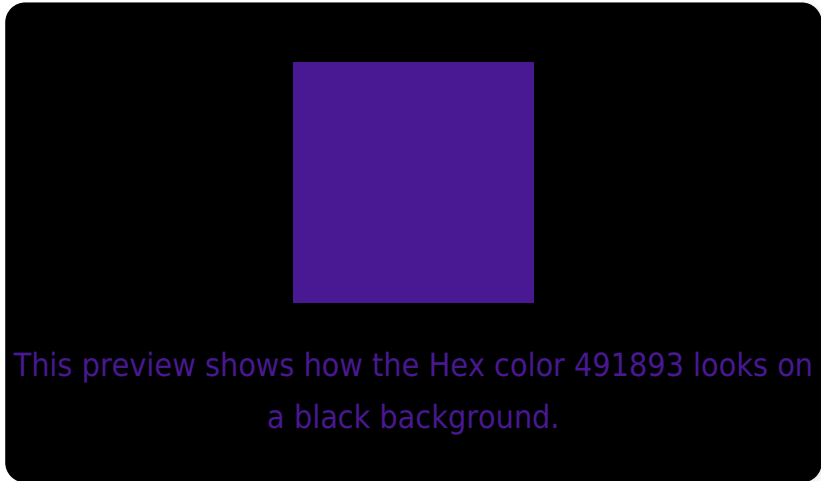
Large Text (above 18pt) WCAG AA ✓ Pass

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

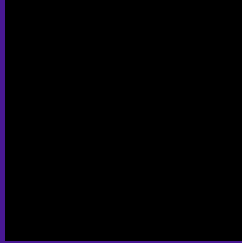
Any Text WCAG AA × Fail

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 491893 Background



This preview shows how black text looks on a background with the Hex color 491893.

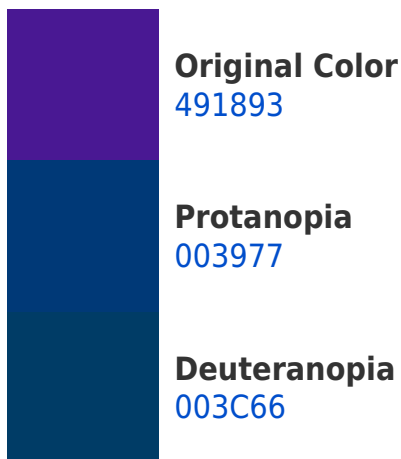


This preview shows how white text looks on a background with the Hex color 491893.

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
313C41

Trichromacy



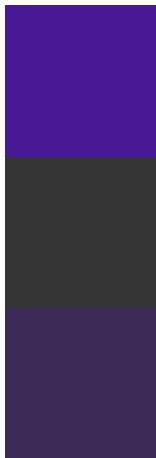
Original Color
491893

Protanomaly
1B2D81

Deuteranomaly
1B2F76

Tritanomaly
3A2F5F

Monochromacy



Original Color
491893

Achromatopsia
353535

Achromatomaly
3C2A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 491893 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 #491893 looks like.

```
.text, #text, p{  
    color:#491893  
}
```

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 #491893 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491893
}
```

Border

The CSS property to change the border of an element to Hex 491893 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
#491893 }
```

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

```
.border{ border-color:#491893 }
```

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

Here you see how a box with a 4 pixel #491893 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491893; -webkit-box-shadow:4px 4px  
4px 4px #491893; box-shadow:4px 4px 4px  
4px #491893 }
```

Background

The CSS property to change the background color of an element to Hex 491893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491893 }
```

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

```
.background{ background-color:#491893 }
```

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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