

Converting Colors

Hex(491CE3)

Have a look what the booklet for
Hex(491CE3) contains.

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Color

Hex(491CE3)

Conversions

Conversions Part 1

Format	Color
Hex	491CE3
RGB	73, 28, 227
RGB Percent	29%, 11%, 89%
CMY	0.7137, 0.8902, 0.1098
CMYK	0.68, 0.88, 0.00, 0.11
HSL	254°, 78%, 50%
HSV	254°, 88%, 89%
XYZ	17.0280, 7.7930, 73.2798
YIQ	64.1410, -37.0590, 71.4290

Conversions

Conversions Part 2

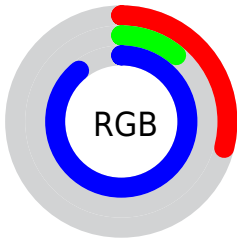
Format	Color
R _Y B	73, 28, 227
Decimal	4791523
CIE Lab	33.55, 68.30, -89.84
CIE LCh	34, 112.854, 307.243
Yxy	7.7930, 0.1736, 0.0794
Android (android.graphics.Color)	4282981603 (0xFF491CE3)
YUV	64.1410, 80.2895, 7.7693
Hunter-Lab	27.9160, 60.0274, -136.0957

Details

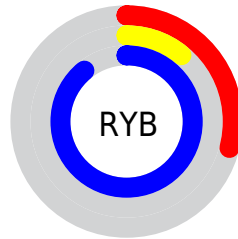
The Hex color **491CE3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B6E31C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8E54FF**, and **0000AA** is the 20% darker color. If you saturate the color by 10%, you get **3705E3**, and if you desaturate by 10%, it is **5B33E3**.

Distribution



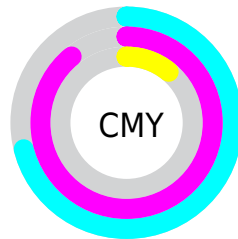
- Red (29%)
- Green (11%)
- Blue (89%)



- Red (29%)
- Yellow (11%)
- Blue (89%)



- Cyan (68%)
- Magenta (88%)
- Yellow (0%)
- Black (11%)



- Cyan (71%)
- Magenta (89%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 491CE3 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 491CE3 by changing the saturation by 10% instead.

491CE3

491CE3

FFFFFF

1300C6

8E54FF

0000AA

AE6FFF

00008E

CE8AFF

000074

EDA6FF

000D5A

FFC2FF

000741

FFDFFF

00032A

FFFCFF

000114

000000

■ 491CE3

■ 491CE3

■ 3705E3

■ 5B33E3

■ 3300E3

■ 6C49E3

■ 7E60E3

■ 8F77E3

■ A18EE3

■ B2A4E3

■ C4BBE3

■ D6D2E3

■ E7E8E3

Harmonies

Analogous

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



005AFF



491CE3



BF0096

Triad

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



491CE3



952800



006A64

Complementary

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



491CE3



B6E31C

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.



006700



491CE3



4E5400

Square

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



491CE3



C70000



006300



006DBD

Rectangle

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



491CE3



D8005C



006300



006944

Sweetspot

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



491CE3



CCBDFE



1CB8E3



615880



000000



808080

Same Dimension

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



491CE3



3A00FF



AB1CE3



6A6773



2800B3



0C0033

Inverse Universe

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



E31CB6



FF00C5



54E31C



736770



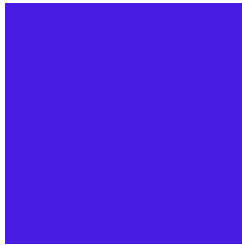
B3008A



330027

Previews

White Background



This preview shows how the Hex color 491CE3 looks on a white background.

Color Contrast Check

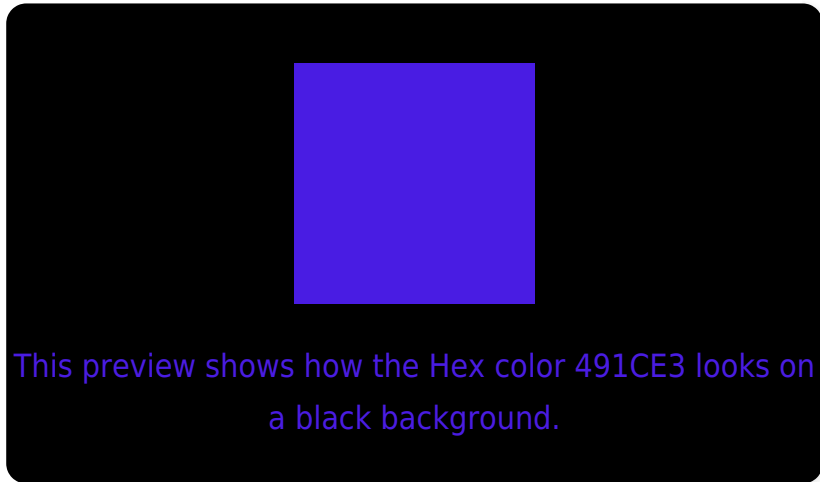
Large Text (above 18pt) WCAG AA ✓ Pass

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

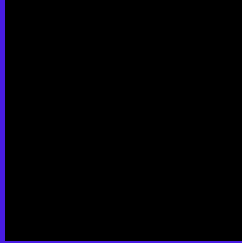
Any Text WCAG AA × Fail

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 491CE3 Background



This preview shows how black text looks on a background with the Hex color 491CE3.



This preview shows how white text looks on a background with the Hex color 491CE3.

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
491CE3

Protanopia
004CA0

Deuteranopia
005188

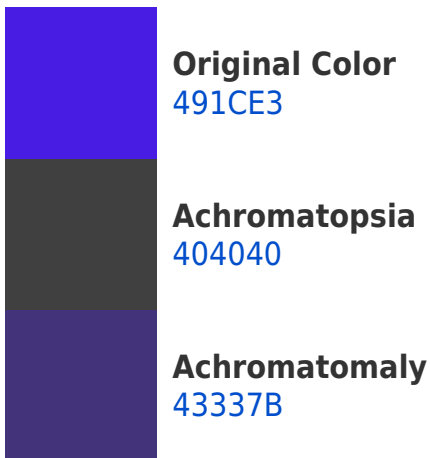


Tritanopia
00575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 491CE3 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 #491CE3 looks like.

```
.text, #text, p{  
    color:#491CE3  
}
```

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 #491CE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491CE3
}
```

Border

The CSS property to change the border of an element to Hex 491CE3 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
#491CE3 }
```

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

```
.border{ border-color:#491CE3 }
```

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

Here you see how a box with a 4 pixel #491CE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491CE3; -webkit-box-shadow:4px 4px  
4px 4px #491CE3; box-shadow:4px 4px 4px  
4px #491CE3 }
```

Background

The CSS property to change the background color of an element to Hex 491CE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491CE3 }
```

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

```
.background{ background-color:#491CE3 }
```

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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