

Converting Colors

Hex(C491FF)

Have a look what the booklet for
Hex(C491FF) contains.

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Color

Hex(C491FF)

Conversions

Conversions Part 1

Format	Color
Hex	C491FF
RGB	196, 145, 255
RGB Percent	77%, 57%, 100%
CMY	0.2314, 0.4314, 0.0000
CMYK	0.23, 0.43, 0.00, 0.00
HSL	268°, 100%, 78%
HSV	268°, 43%, 100%
XYZ	50.9403, 39.2066, 99.4905
YIQ	172.7890, -4.9140, 45.0220

Conversions

Conversions Part 2

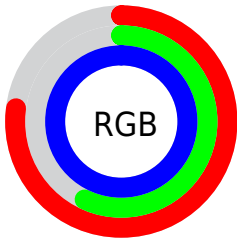
Format	Color
R_{YB}	196, 145, 255
Decimal	12882431
CIE _{Lab}	68.90, 40.19, -47.70
CIE _{LCh}	69, 62.371, 310.120
Yxy	39.2066, 0.2686, 0.2067
Android (android.graphics.Color)	4291072511 (0xFFC491FF)
YUV	172.7890, 40.5300, 20.3560
Hunter-Lab	62.6151, 35.6416, -50.3765

Details

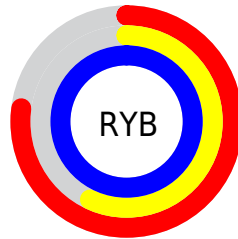
The Hex color **C491FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CCFF91**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FEC8FF**, and **8C5DC6** is the 20% darker color. If you saturate the color by 10%, you get **B678FF**, and if you desaturate by 10%, it is **D2ABFF**.

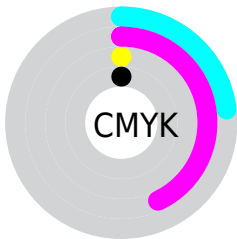
Distribution



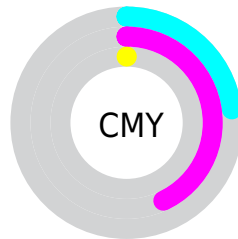
- Red (77%)
- Green (57%)
- Blue (100%)



- Red (77%)
- Yellow (57%)
- Blue (100%)



- Cyan (23%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C491FF 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 C491FF by changing the saturation by 10% instead.

 C491FF

 C491FF

FFFFFF

 A877E2

 FEC8FF

 8C5DC6

 FFE4FF

 7145AA

 562D8F

 3B1475

 1F005C

 040044

 00032C

 000117

 C491FF

 C491FF

 B678FF

 D2ABFF

 A95EFF

 DFC4FF

 9B44FF

 EDDEFF

 8D2BFF

 FBF7FF

 8011FF

FFFFFF

 7600FF

Harmonies

Analogous

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



5CA8FF



C491FF



FB7BD0

Triad

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



C491FF



E5973A



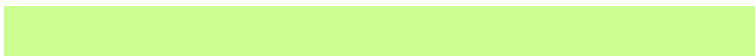
00C4BA

Complementary

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



C491FF



CCFF91

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.



00C180



C491FF



B4AB2E

Square

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



C491FF



FF8162



77B94C



00C1F0

Rectangle

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



C491FF



FF74AA



77B94C



00C3A7

Sweetspot

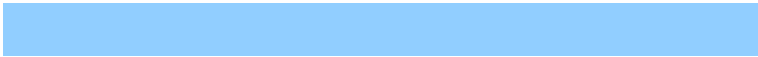
The Sweet Spot groups the original color and five complimentary colors.



C491FF



EDDEFF



91CEFF



756B80



000000



808080

Same Dimension

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



C491FF



B87AFF



F991FF



797380



5900BF



1E0040

Inverse Universe

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



FF91CC



FF7AC2



96FF91



80737A



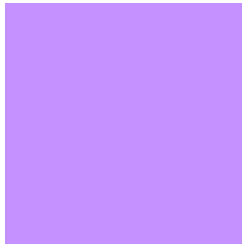
BF0067



400022

Previews

White Background



This preview shows how the Hex color C491FF looks on a white background.

Color Contrast Check

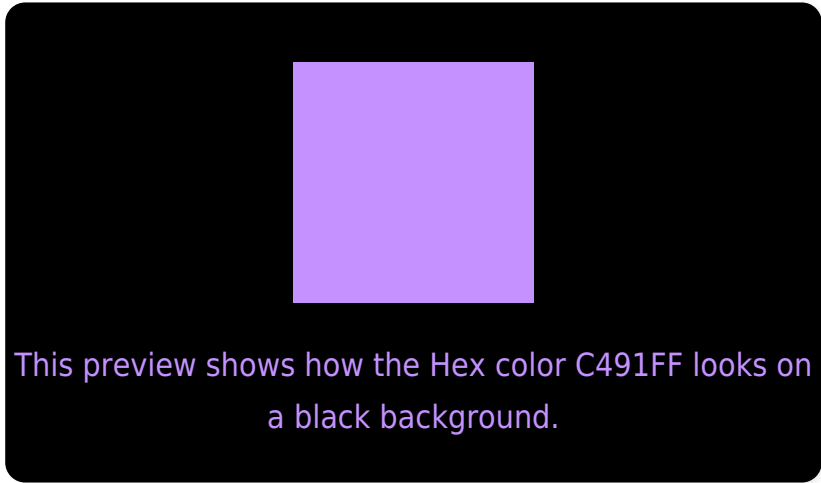
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

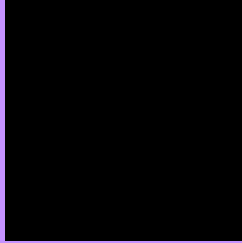
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C491FF Background



This preview shows how black text looks on a background with the Hex color C491FF.

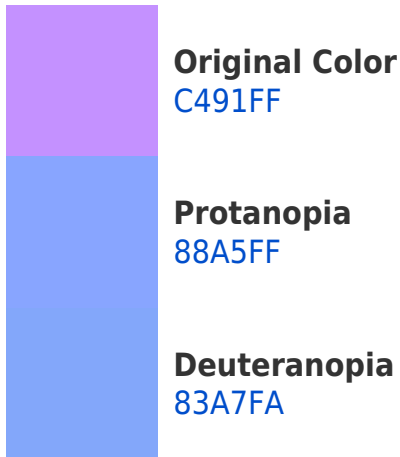


This preview shows how white text looks on a background with the Hex color C491FF.

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](#).

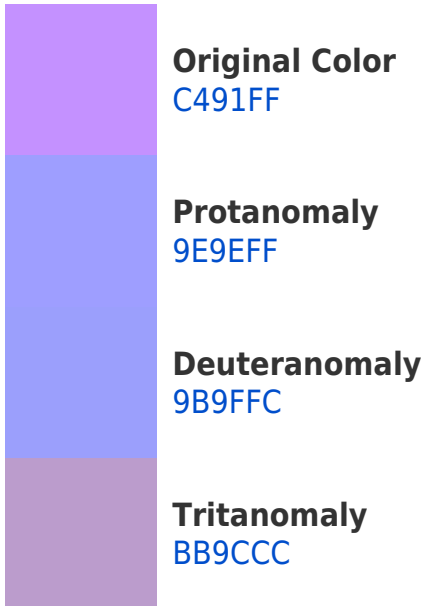
Dichromacy



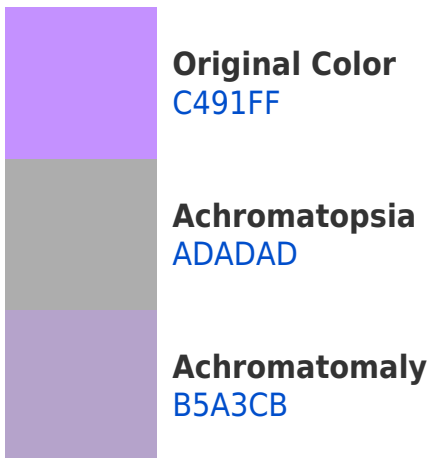


Tritanopia
B6A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C491FF 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 #C491FF looks like.

```
.text, #text, p{  
    color:#C491FF  
}
```

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 #C491FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C491FF
}
```

Border

The CSS property to change the border of an element to Hex C491FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

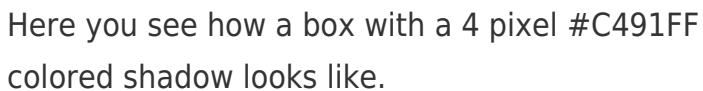
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C491FF }
```

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

```
.border{ border-color:#C491FF }
```

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



Here you see how a box with a 4 pixel #C491FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C491FF; -webkit-box-shadow:4px 4px  
4px 4px #C491FF; box-shadow:4px 4px 4px  
4px #C491FF }
```

Background

The CSS property to change the background color of an element to Hex C491FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C491FF }
```

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

```
.background{ background-color:#C491FF }
```

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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