

Converting Colors

Hex(C459FF)

Have a look what the booklet for
Hex(C459FF) contains.

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Color

Hex(C459FF)

Conversions

Conversions Part 1

Format	Color
Hex	C459FF
RGB	196, 89, 255
RGB Percent	77%, 35%, 100%
CMY	0.2314, 0.6510, 0.0000
CMYK	0.23, 0.65, 0.00, 0.00
HSL	279°, 100%, 67%
HSV	279°, 65%, 100%
XYZ	44.3873, 26.1005, 97.3062
YIQ	139.9170, 10.4860, 74.3100

Conversions

Conversions Part 2

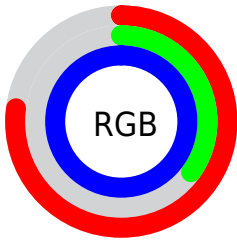
Format	Color
R _Y B	196, 89, 255
Decimal	12868095
CIE _{Lab}	58.13, 68.39, -64.83
CIE _{LCh}	58, 94.231, 316.529
Yxy	26.1005, 0.2645, 0.1556
Android (android.graphics.Color)	4291058175 (0xFFC459FF)
YUV	139.9170, 56.7359, 49.1848
Hunter-Lab	51.0887, 65.6809, -77.1648

Details

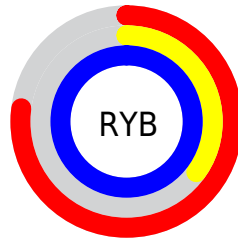
The Hex color **C459FF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **94FF59**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF91FF**, and **891AC5** is the 20% darker color. If you saturate the color by 10%, you get **BB40FF**, and if you desaturate by 10%, it is **CD73FF**.

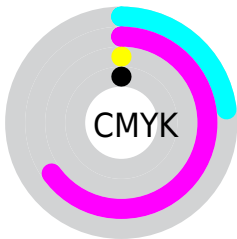
Distribution



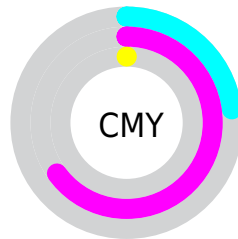
- Red (77%)
- Green (35%)
- Blue (100%)



- Red (77%)
- Yellow (35%)
- Blue (100%)



- Cyan (23%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C459FF 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 C459FF by changing the saturation by 10% instead.

 C459FF

FFFFFF

 FF91FF

 FFADFF

 FFCAFF

 FFE7FF

 C459FF

 A73CE2

 891AC5

 6D00A9

 4F008E

 310074

 10005A

 000042

 00032A

 000115

 C459FF

 C459FF

 BB40FF

 CD73FF

 B226FF

 D68CFF

 A90DFF

 DFA6FF

 A400FF

 E8BFFF

 F1D9FF

 FAF2FF

FFFFFF

Harmonies

Analogous

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



0087FF



C459FF



FF00B5

Triad

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



C459FF



C87B00



00AEB9

Complementary

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



C459FF



94FF59

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.



00AB62



C459FF



7F9600

Square

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



C459FF



FD4C03



00A500



00ACFF

Rectangle

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



C459FF



FF007E



00A500



00AD9C

Sweetspot

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



C459FF



EDCCFF



5996FF



756180



000000



808080

Same Dimension

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



C459FF



B838FF



FF59E9



7B7380



7B00BF



290040

Inverse Universe

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



FF5994



FF387F



59FF6F



807377



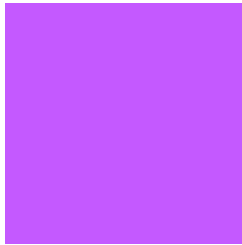
BF0044



400017

Previews

White Background



This preview shows how the Hex color C459FF looks on a white background.

Color Contrast Check

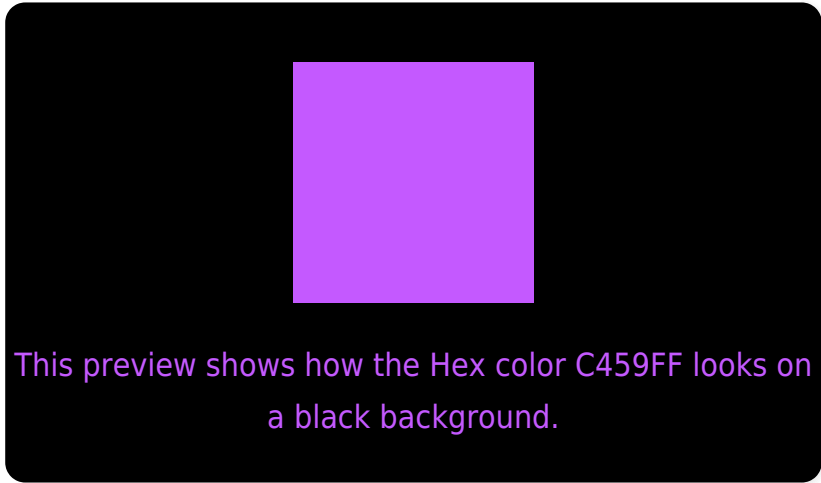
Large Text (above 18pt) WCAG AA ✓ Pass

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

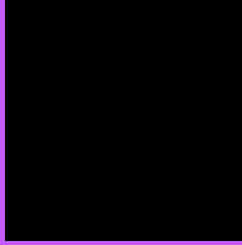
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C459FF Background



This preview shows how black text looks on a background with the Hex color C459FF.

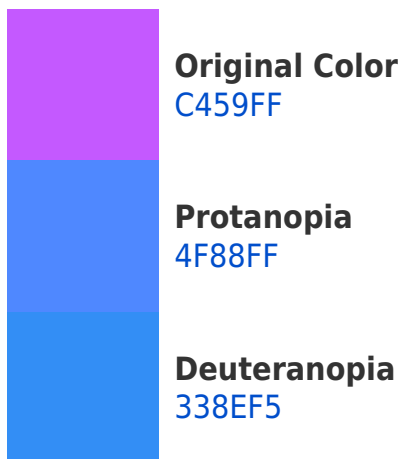


This preview shows how white text looks on a background with the Hex color C459FF.

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](#).

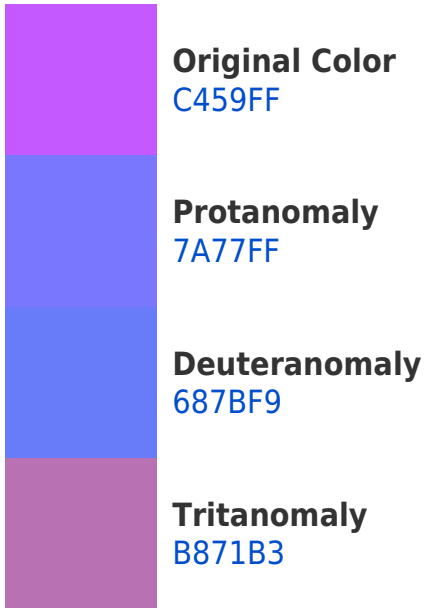
Dichromacy



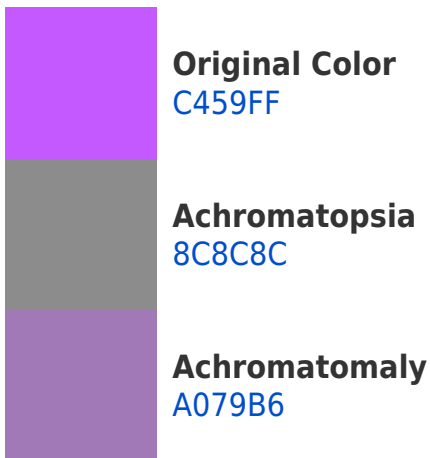


Tritanopia
B17E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C459FF 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 #C459FF looks like.

```
.text, #text, p{  
    color:#C459FF  
}
```

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 #C459FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C459FF
}
```

Border

The CSS property to change the border of an element to Hex C459FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

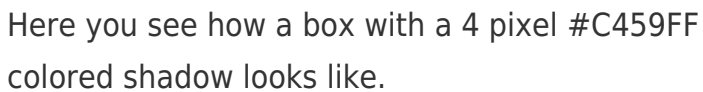
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C459FF }
```

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

```
.border{ border-color:#C459FF }
```

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



Here you see how a box with a 4 pixel `#C459FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C459FF; -webkit-box-shadow:4px 4px  
4px 4px #C459FF; box-shadow:4px 4px 4px  
4px #C459FF }
```

Background

The CSS property to change the background color of an element to Hex C459FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C459FF }
```

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

```
.background{ background-color:#C459FF }
```

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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