

# Converting Colors

Hex(C43AFF)

Have a look what the booklet for  
Hex(C43AFF) contains.

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**Color**

**Hex(C43AFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C43AFF
RGB	196, 58, 255
RGB Percent	77%, 23%, 100%
CMY	0.2314, 0.7725, 0.0000
CMYK	0.23, 0.77, 0.00, 0.00
HSL	282°, 100%, 61%
HSV	282°, 77%, 100%
XYZ	42.3280, 21.9819, 96.6197
YIQ	121.7200, 19.0110, 90.5230

# Conversions

## Conversions Part 2

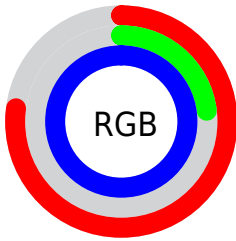
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 58, 255
Decimal	12860159
CIE Lab	54.01, 80.07, -71.49
CIE LCh	54, 107.338, 318.241
Yxy	21.9819, 0.2630, 0.1366
Android (android.graphics.Color)	4291050239 (0xFFC43AFF)
YUV	121.7200, 65.7070, 65.1436
Hunter-Lab	46.8848, 79.1028, -89.3648

# Details

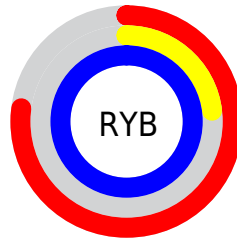
The Hex color **C43AFF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **75FF3A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF78FF**, and **8800C5** is the 20% darker color. If you saturate the color by 10%, you get **BC20FF**, and if you desaturate by 10%, it is **CC53FF**.

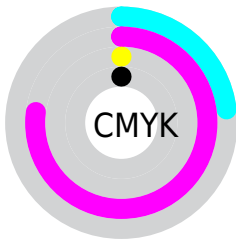
# Distribution



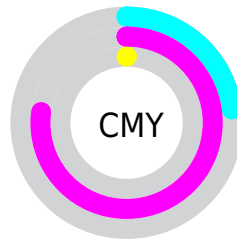
- Red (77%)
- Green (23%)
- Blue (100%)



- Red (77%)
- Yellow (23%)
- Blue (100%)



- Cyan (23%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (77%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C43AFF 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 C43AFF by changing the saturation by 10% instead.



 C43AFF

 C43AFF

FFFFFF

 A60CE2

 FF78FF

 8800C5

 FF95FF

 6B00A9

 FFB2FF

 4C008E

 FFD0FF


 2D0073

 FFE0FF

 00005A

 000041

 00032A

 000114

 C43AFF

 C43AFF

 BC20FF

 CC53FF

 B507FF

 D36DFF

 B300FF

 DB86FF

 E3A0FF

 EAB9FF

 F2D3FF

 F9ECFF

FFFFFF

# Harmonies

## Analogous

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



007BFF



C43AFF



FF00AA

# Triad

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



C43AFF



BB7000



00A5B9

# Complementary

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



C43AFF



75FF3A

# 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.



00A258



C43AFF



688E00

# Square

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



C43AFF



F83000



009C00



00A3FF

# Rectangle

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



C43AFF



FF006D



009C00



00A49A



# Sweetspot

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



C43AFF



EDC4FF



3A75FF



755C80



000000



808080



# Same Dimension

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



C43AFF



B812FF



FF3AD8



7C7380



8600BF



2D0040



# Inverse Universe

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



FF3A75



FF1259



3AFF61



807377



BF0039



400013



# Previews

## White Background



This preview shows how the Hex color C43AFF looks on a white background.

## Color Contrast Check

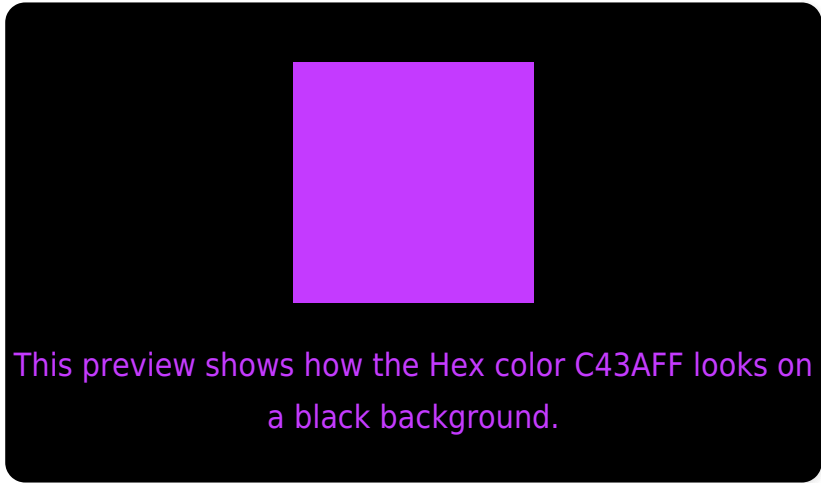
Large Text (above 18pt) WCAG AA ✓ Pass

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

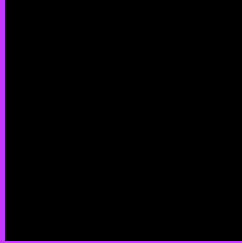
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C43AFF Background



This preview shows how black text looks on a background with the Hex color C43AFF.

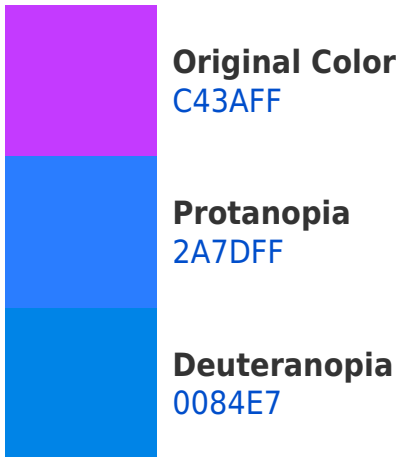


This preview shows how white text looks on a background with the Hex color C43AFF.

# 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](#).

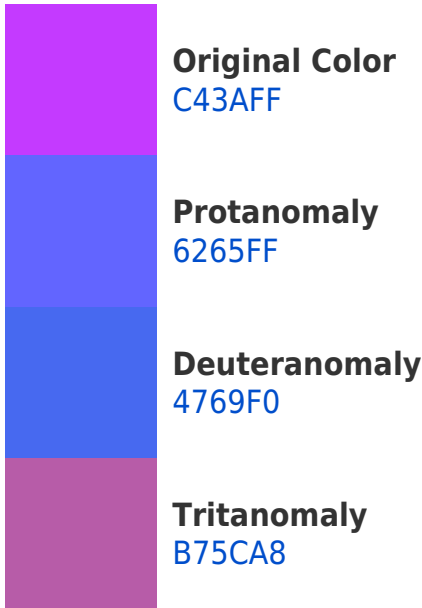
## Dichromacy



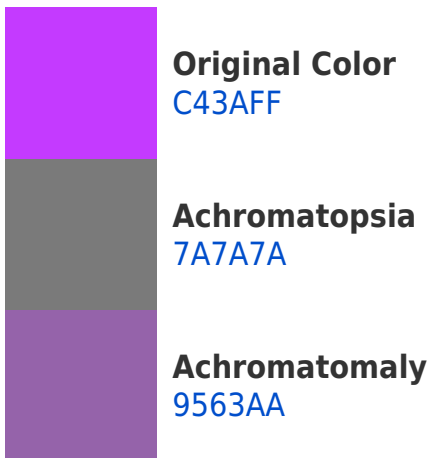


**Tritanopia**  
AF6F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C43AFF 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 #C43AFF looks like.

```
.text, #text, p{  
    color:#C43AFF  
}
```

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 #C43AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C43AFF
}
```

## Border

The CSS property to change the border of an element to Hex C43AFF 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
#C43AFF }
```

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

```
.border{ border-color:#C43AFF }
```

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

Here you see how a box with a 4 pixel #C43AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C43AFF; -webkit-box-shadow:4px 4px  
4px 4px #C43AFF; box-shadow:4px 4px 4px  
4px #C43AFF }
```

# Background

The CSS property to change the background color of an element to Hex C43AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C43AFF }
```

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

```
.background{ background-color:#C43AFF }
```

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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