

# Converting Colors

Hex(CA18F9)

Have a look what the booklet for  
Hex(CA18F9) contains.

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# Color

Hex(CA18F9)

# Conversions

## Conversions Part 1

Format	Color
Hex	CA18F9
RGB	202, 24, 249
RGB Percent	79%, 9%, 98%
CMY	0.2078, 0.9059, 0.0235
CMYK	0.19, 0.90, 0.00, 0.02
HSL	287°, 95%, 54%
HSV	287°, 90%, 98%
XYZ	41.7826, 20.0494, 91.2903
YIQ	102.8720, 33.8630, 107.7110

# Conversions

## Conversions Part 2

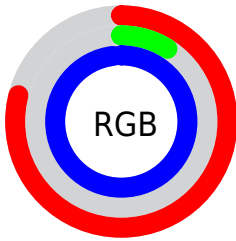
Format	Color
R <sub>YB</sub>	202, 24, 249
Decimal	13244665
CIE Lab	51.89, 87.54, -71.53
CIE LCh	52, 113.048, 320.745
Yxy	20.0494, 0.2729, 0.1309
Android (android.graphics.Color)	4291434745 (0xFFCA18F9)
YUV	102.8720, 72.0411, 86.9353
Hunter-Lab	44.7765, 88.2060, -89.5367

# Details

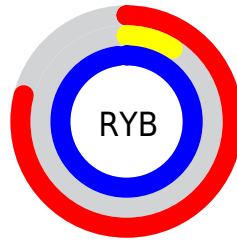
The Hex color **CA18F9** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **47F918**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF65FF**, and **8E00BF** is the 20% darker color. If you saturate the color by 10%, you get **C500F9**, and if you desaturate by 10%, it is **CF31F9**.

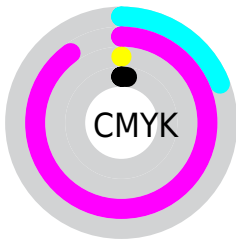
# Distribution



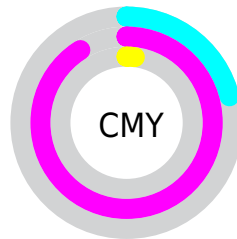
- Red (79%)
- Green (9%)
- Blue (98%)



- Red (79%)
- Yellow (9%)
- Blue (98%)



- Cyan (19%)
- Magenta (90%)
- Yellow (0%)
- Black (2%)



- Cyan (21%)
- Magenta (91%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA18F9 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 CA18F9 by changing the saturation by 10% instead.



 CA18F9

 CA18F9

FFFFFF

 AC00DC

 FF65FF

 8E00BF

 FF84FF

 7000A3

 FFA2FF

 520088

 FFC0FF

 34006E

 FFDEFF

 080054

 FFFDFF

 00003C

 000225

 00010E

■ CA18F9

■ CA18F9

■ C500F9

■ CF31F9

■ D44AF9

■ DA63F9

■ DF7CF9

■ E494F9

■ E9ADF9

■ EEC6F9

■ F4DFF9

■ F9F8F9

# Harmonies

## Analogous

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



0072FF



CA18F9



FF009E

# Triad

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



CA18F9



B06E00



00A0BF

# Complementary

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



CA18F9



47F918

# 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.



009D59



CA18F9



548B00

# Square

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



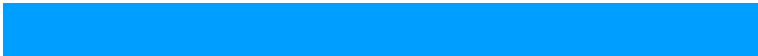
CA18F9



F12700



009800



009FFF

# Rectangle

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



CA18F9



FF005F



009800



009F9E



# Sweetspot

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



CA18F9



F1BAFF



1849F9



775780



000000



808080



# Same Dimension

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



CA18F9



CA00FF



F918B9



7A707D



9500BD



30003D



# Inverse Universe

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



F91847



FF0035



18F958



7D7073



BD0027

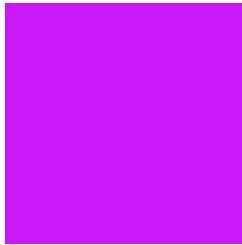


3D000D



# Previews

## White Background



This preview shows how the Hex color CA18F9 looks on a white background.

## Color Contrast Check

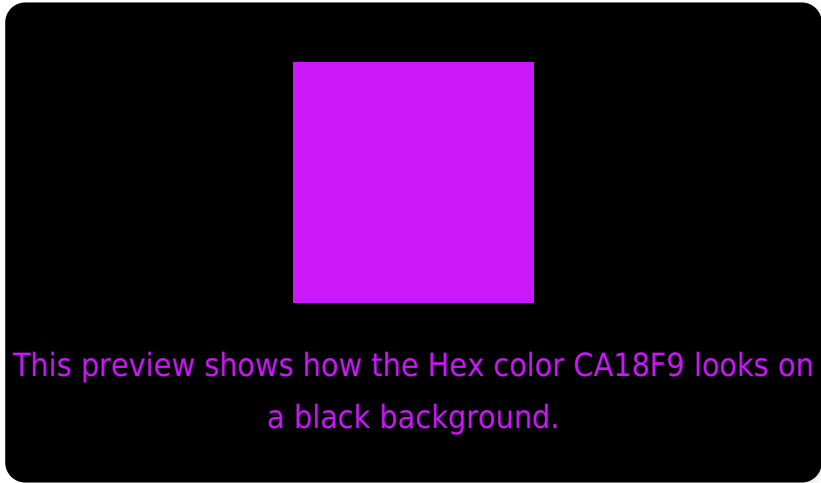
Large Text (above 18pt) WCAG AA ✓ Pass

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

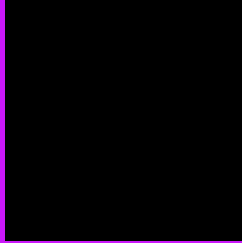
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CA18F9 Background



This preview shows how black text looks on a background with the Hex color CA18F9.



This preview shows how white text looks on a background with the Hex color CA18F9.

# 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**  
B6636A

# Trichromacy



**Original Color**  
CA18F9



**Protanomaly**  
4955FC



**Deuteranomaly**  
495AE8



**Tritanomaly**  
BD489E

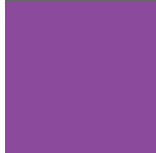
# Monochromacy



**Original Color**  
CA18F9



**Achromatopsia**  
676767



**Achromatomaly**  
8B4A9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA18F9 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 #CA18F9 looks like.

```
.text, #text, p{  
  color:#CA18F9  
}
```

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 #CA18F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA18F9
}
```

## Border

The CSS property to change the border of an element to Hex CA18F9 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
#CA18F9 }
```

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

```
.border{ border-color:#CA18F9 }
```

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

Here you see how a box with a 4 pixel #CA18F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA18F9; -webkit-box-shadow:4px 4px  
4px 4px #CA18F9; box-shadow:4px 4px 4px  
4px #CA18F9 }
```

# Background

The CSS property to change the background color of an element to Hex CA18F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA18F9 }
```

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

```
.background{ background-color:#CA18F9 }
```

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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