

Converting Colors

Hex(CF94E3)

Have a look what the booklet for
Hex(CF94E3) contains.

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Color

Hex(CF94E3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CF94E3 |
| RGB | 207, 148, 227 |
| RGB Percent | 81%, 58%, 89% |
| CMY | 0.1882, 0.4196, 0.1098 |
| CMYK | 0.09, 0.35, 0.00, 0.11 |
| HSL | 285°, 59%, 74% |
| HSV | 285°, 35%, 89% |
| XYZ | 50.1872, 39.9913, 77.7470 |
| YIQ | 174.6470, 9.8050, 37.0770 |

Conversions

Conversions Part 2

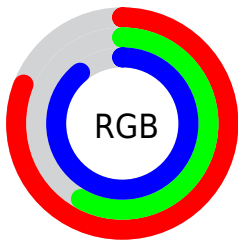
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 207, 148, 227 |
| Decimal | 13604067 |
| CIE Lab | 69.46, 35.75, -31.41 |
| CIE LCh | 69, 47.591, 318.701 |
| Yxy | 39.9913, 0.2989, 0.2381 |
| Android (android.graphics.Color) | 4291794147 (0xFFCF94E3) |
| YUV | 174.6470, 25.8100, 28.3736 |
| Hunter-Lab | 63.2386, 30.9927, -28.6254 |

Details

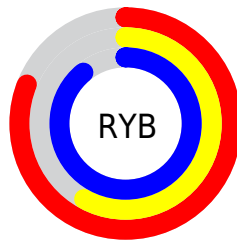
The Hex color **CF94E3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A8E394**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCBFF**, and **9760AB** is the 20% darker color. If you saturate the color by 10%, you get **C97DE3**, and if you desaturate by 10%, it is **D5ABE3**.

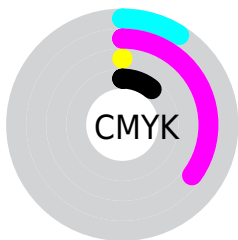
Distribution



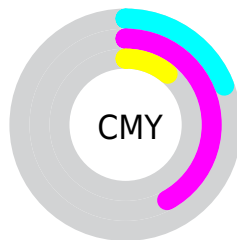
- Red (81%)
- Green (58%)
- Blue (89%)



- Red (81%)
- Yellow (58%)
- Blue (89%)



- Cyan (9%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF94E3 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 CF94E3 by changing the saturation by 10% instead.

 CF94E3

 CF94E3

FFFFFF

 B37AC7

 FFCBFF

 9760AB

 FFE7FF

 7D4791

 632F77

 4A175E

 310046

 1E002F

 000119

 000000

 CF94E3

 CF94E3

 C97DE3

 D5ABE3

 C467E3

 DAC1E3

 BE50E3

 E0D8E3

 B839E3

 E6EFE3

 B223E3

 ECFFE3

 AD0CE3

 F1FFE3

 AA00E3

 F7FFE3

 FDFFE3

 FFFFE3

Harmonies

Analogous

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



93A5FB



CF94E3



F288BC

Triad

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



CF94E3



D2A254



00C0C4

Complementary

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



CF94E3



A8E394

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.



2EBF97



CF94E3



A9B055

Square

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



CF94E3



EF926A



78B96F



00BCE9

Rectangle

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



CF94E3



FB869F



78B96F



00C0B5

Sweetspot

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



CF94E3



F9E6FF



94A9E3



7C7080



000000



808080

Same Dimension

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



CF94E3



E494FF



E394D1



706773



8500B3



260033

Inverse Universe

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



E394A8



FF94AF



94E3A6



73676A



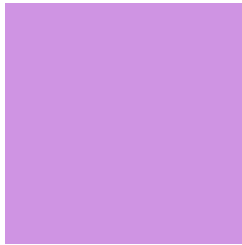
B3002D



33000D

Previews

White Background



This preview shows how the Hex color CF94E3 looks on a white background.

Color Contrast Check

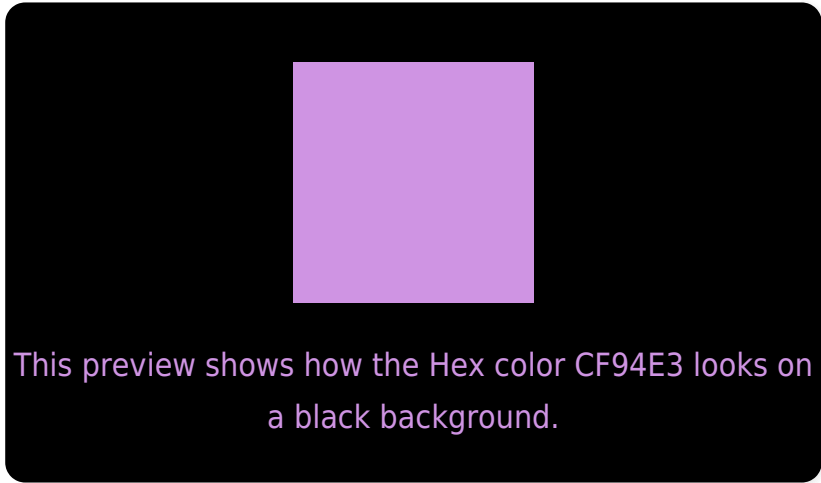
Large Text (above 18pt) WCAG AA × Fail

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

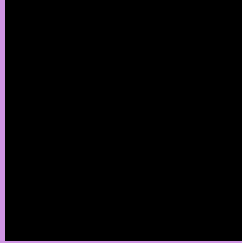
Any Text WCAG AA ✓ Pass

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 CF94E3 Background



This preview shows how black text looks on a background with the Hex color CF94E3.

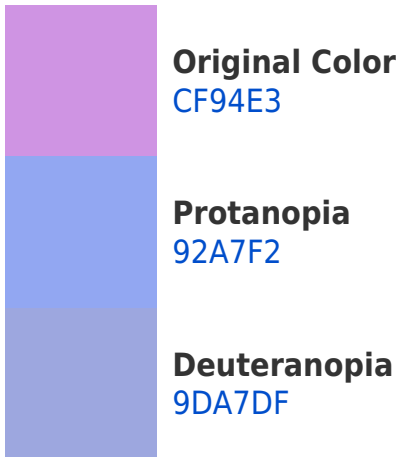


This preview shows how white text looks on a background with the Hex color CF94E3.

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



Trichromacy



Original Color
CF94E3



Protanomaly
A8A0ED



Deuteranomaly
AFA0E0



Tritanomaly
CA9BC0

Monochromacy



Original Color
CF94E3



Achromatopsia
AFAFAF



Achromatomaly
BBA5C2

CSS Examples

Text

The CSS property to change the color of the text to Hex CF94E3 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 #CF94E3 looks like.

```
.text, #text, p{  
    color:#CF94E3  
}
```

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 #CF94E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF94E3
}
```

Border

The CSS property to change the border of an element to Hex CF94E3 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
#CF94E3 }
```

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

```
.border{ border-color:#CF94E3 }
```

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

Here you see how a box with a 4 pixel #CF94E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF94E3; -webkit-box-shadow:4px 4px  
4px 4px #CF94E3; box-shadow:4px 4px 4px  
4px #CF94E3 }
```

Background

The CSS property to change the background color of an element to Hex CF94E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF94E3 }
```

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

```
.background{ background-color:#CF94E3 }
```

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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