

Converting Colors

Hex(CE73FF)

Have a look what the booklet for
Hex(CE73FF) contains.

Hex(CE73FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CE73FF)

Conversions

Conversions Part 1

Format	Color
Hex	CE73FF
RGB	206, 115, 255
RGB Percent	81%, 45%, 100%
CMY	0.1922, 0.5490, 0.0000
CMYK	0.19, 0.55, 0.00, 0.00
HSL	279°, 100%, 73%
HSV	279°, 55%, 100%
XYZ	49.6343, 32.6033, 98.2848
YIQ	158.1690, 9.2960, 62.8320

Conversions

Conversions Part 2

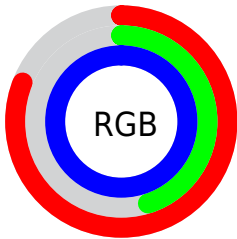
Format	Color
R _Y B	206, 115, 255
Decimal	13530111
CIE Lab	63.84, 58.51, -55.64
CIE LCh	64, 80.739, 316.442
Yxy	32.6033, 0.2749, 0.1806
Android (android.graphics.Color)	4291720191 (0xFFCE73FF)
YUV	158.1690, 47.7377, 41.9478
Hunter-Lab	57.0993, 55.2398, -62.0862

Details

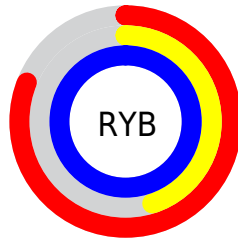
The Hex color **CE73FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A4FF73**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFAAFF**, and **943DC6** is the 20% darker color. If you saturate the color by 10%, you get **C55AFF**, and if you desaturate by 10%, it is **D78DFF**.

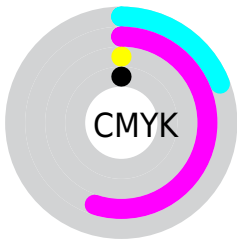
Distribution



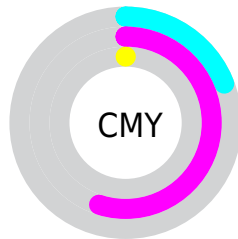
- Red (81%)
- Green (45%)
- Blue (100%)



- Red (81%)
- Yellow (45%)
- Blue (100%)



- Cyan (19%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE73FF 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 CE73FF by changing the saturation by 10% instead.

 CE73FF

 CE73FF

FFFFFF

 B158E2

 FFAAFF

 943DC6

 FFC6FF

 7820AA

 FFE3FF

 5C008F

 400074

 24005B

 000043

 00032B

 000116

 CE73FF

 CE73FF

 C55AFF

 D78DFF

 BC40FF

 E0A6FF

 B326FF

 E9C0FF

 AA0DFF

 F2D9FF

 A600FF

 FBF3FF

FFFFFF

Harmonies

Analogous

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



3996FF



CE73FF



FF4EBE

Triad

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



CE73FF



D58B00



00BBC2

Complementary

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



CE73FF



A4FF73

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.



00B976



CE73FF



95A300

Square

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



CE73FF



FF6A32



35B22A



00B8FF

Rectangle

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



CE73FF



FF468E



35B22A



00BBA9

Sweetspot

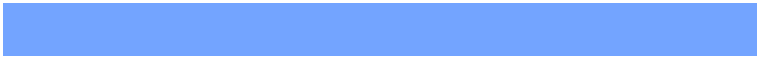
The Sweet Spot groups the original color and five complimentary colors.



CE73FF



F1D6FF



73A4FF



776780



000000



808080

Same Dimension

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



CE73FF



C457FF



FF73EA



7B7380



7C00BF



290040

Inverse Universe

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



FF73A4



FF5792



73FF88



807377



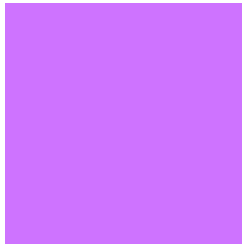
BF0043



400016

Previews

White Background



This preview shows how the Hex color CE73FF looks on a white background.

Color Contrast Check

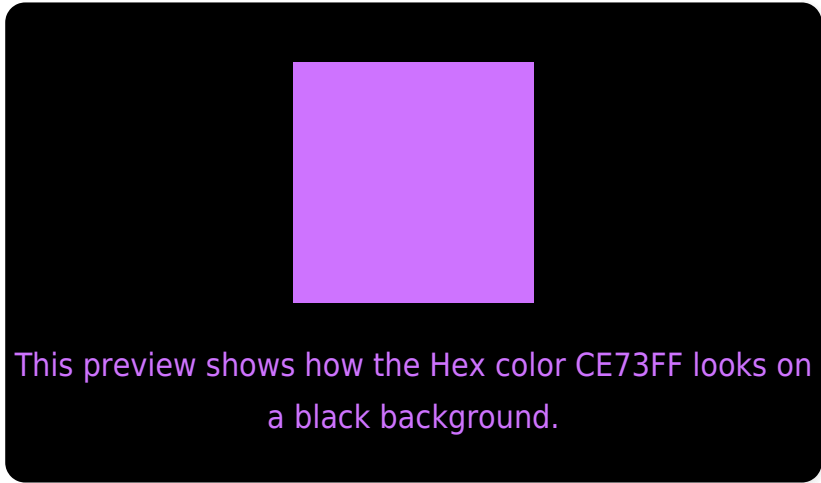
Large Text (above 18pt) WCAG AA × Fail

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 CE73FF Background



This preview shows how black text looks on a background with the Hex color CE73FF.

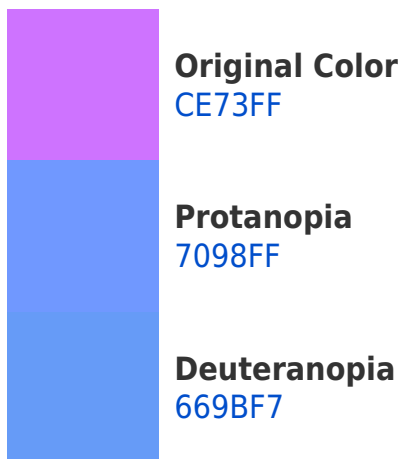


This preview shows how white text looks on a background with the Hex color CE73FF.

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](#).

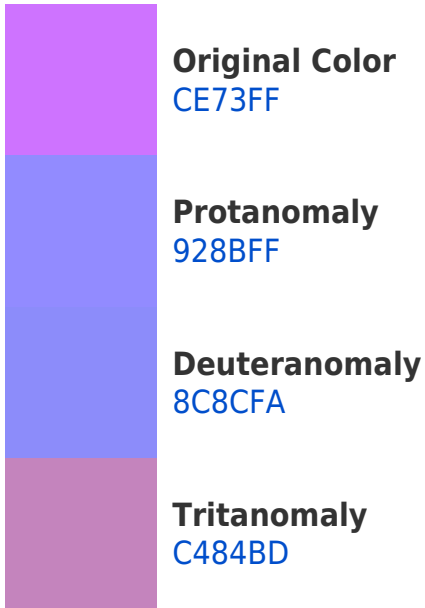
Dichromacy



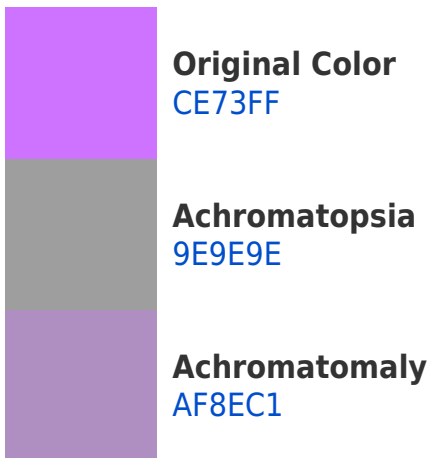


Tritanopia
BE8E98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE73FF 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 #CE73FF looks like.

```
.text, #text, p{  
    color:#CE73FF  
}
```

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 #CE73FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE73FF
}
```

Border

The CSS property to change the border of an element to Hex CE73FF 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
#CE73FF }
```

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

```
.border{ border-color:#CE73FF }
```

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

Here you see how a box with a 4 pixel #CE73FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE73FF; -webkit-box-shadow:4px 4px  
4px 4px #CE73FF; box-shadow:4px 4px 4px  
4px #CE73FF }
```

Background

The CSS property to change the background color of an element to Hex CE73FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE73FF }
```

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

```
.background{ background-color:#CE73FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor