

Converting Colors

Hex(7CEF00)

Have a look what the booklet for
Hex(7CEF00) contains.

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Color

Hex(7CEF00)

Conversions

Conversions Part 1

Format	Color
Hex	7CEF00
RGB	124, 239, 0
RGB Percent	49%, 94%, 0%
CMY	0.5137, 0.0627, 1.0000
CMYK	0.48, 0.00, 1.00, 0.06
HSL	89°, 100%, 47%
HSV	89°, 100%, 94%
XYZ	39.1787, 66.0181, 10.6778
YIQ	177.3690, 8.1790, -98.7090

Conversions

Conversions Part 2

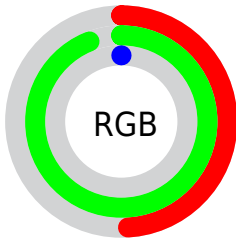
Format	Color
RYB	0, 239, 115
Decimal	8187648
CIELab	85.01, -63.26, 81.92
CIELCh	85, 103.499, 127.675
Yxy	66.0181, 0.3381, 0.5697
Android (android.graphics.Color)	4286377728 (0xFF7CEF00)
YUV	177.3690, -87.4429, -46.8046
Hunter-Lab	81.2515, -56.1192, 49.0843

Details

The Hex color **7CEF00** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **7300EF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BAFF5A**, and **38B600** is the 20% darker color. If you saturate the color by 10%, you get **7CEF00**, and if you desaturate by 10%, it is **87EF18**.

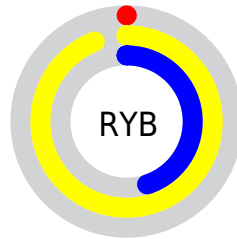
Distribution



Red (49%)

Green (94%)

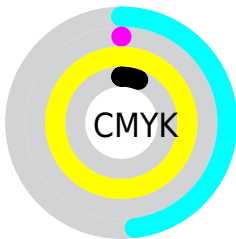
Blue (0%)



Red (0%)

Yellow (94%)

Blue (45%)

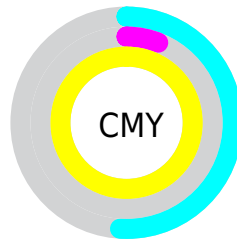


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (51%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CEF00 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 7CEF00 by changing the saturation by 10% instead.

 7CEF00

 7CEF00

FFFFFF

 5CD200

 BAFF5A

 38B600

 D8FF78

 009A00

 F7FF96

 008000

 FFFFB3

 006500

 FFFF00

 004C00

 FFFF66

 003500

 001A00

 000000

 7CEF00

 87EF18

 93EF30

 9FEF48

 AAEF60

 B5EF77

 C1EF8F

 CCEFA7

 D8EFBF

 E3EFD7

Harmonies

Analogous

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



E8D800



7CEF00



00FB85

Triad

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



7CEF00



00F2FF



FF5FC0

Complementary

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



7CEF00



7300EF

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.



FF79FF



7CEF00



00D9FF

Square

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



7CEF00



00FEFF



F4ADFF



FF8361

Rectangle

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



7CEF00



00FFC9



F4ADFF



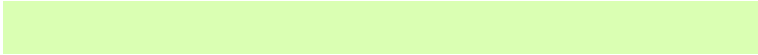
FF60E0

Sweetspot

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



7CEF00



DAFFB3



EF7000



698052



000000



808080

Same Dimension

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



7CEF00



84FF00



08EF00



72786C



5FB800



1D3800

Inverse Universe

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



7300EF



7B00FF



E700EF



726C78



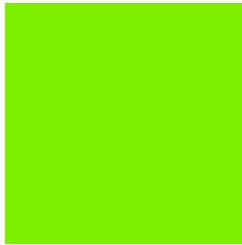
5800B8



1B0038

Previews

White Background



This preview shows how the Hex color 7CEF00 looks on a white background.

Color Contrast Check

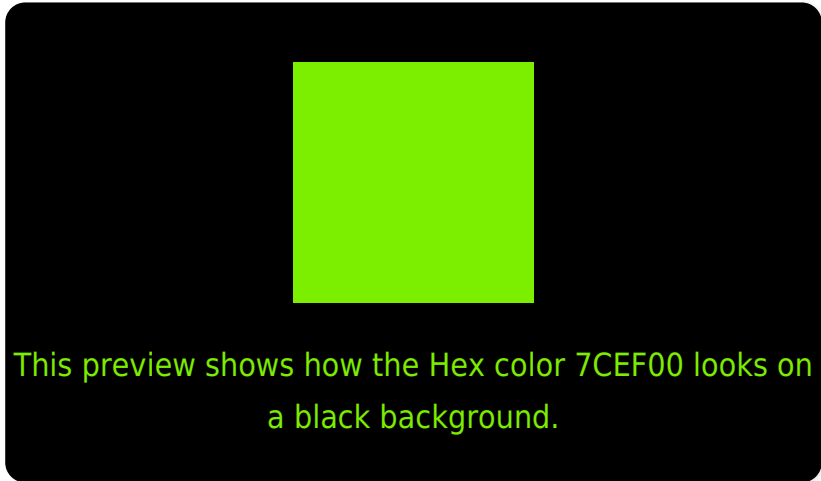
Large Text (above 18pt) WCAG AA × Fail

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

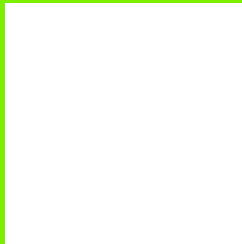
Any Text WCAG AAA ✓ Pass

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

Hex 7CEF00 Background



This preview shows how black text looks on a background with the Hex color 7CEF00.

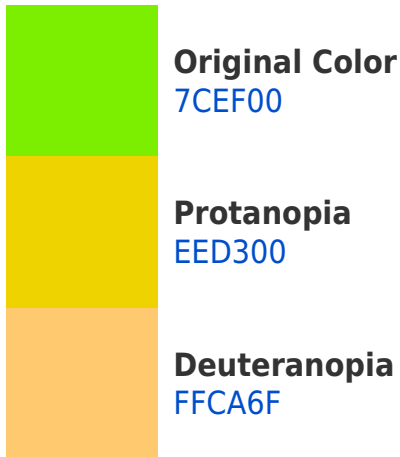


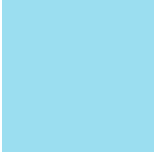
This preview shows how white text looks on a background with the Hex color 7CEF00.

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](#).

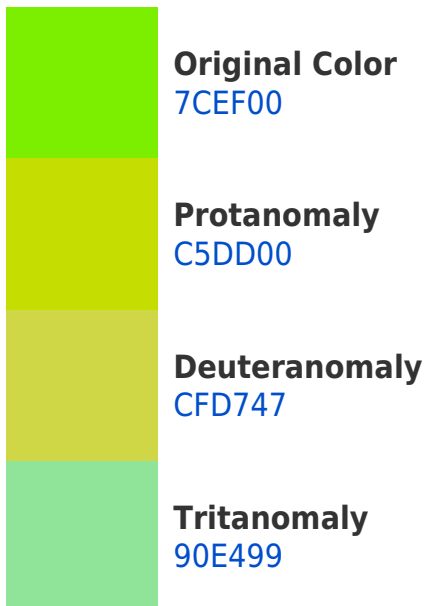
Dichromacy



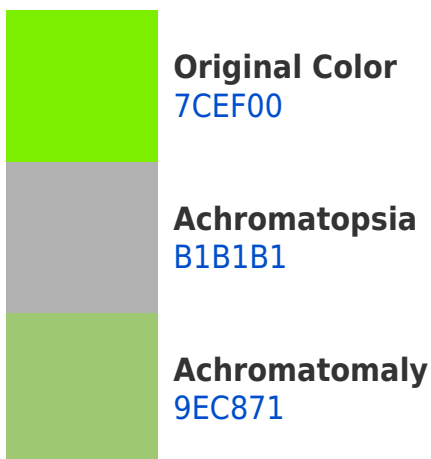


Tritanopia
9BDEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CEF00 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 #7CEF00 looks like.

```
.text, #text, p{  
    color:#7CEF00  
}
```

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 #7CEF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CEF00
}
```

Border

The CSS property to change the border of an element to Hex 7CEF00 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
#7CEF00 }
```

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

```
.border{ border-color:#7CEF00 }
```

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

Here you see how a box with a 4 pixel #7CEF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CEF00; -webkit-box-shadow:4px 4px  
4px 4px #7CEF00; box-shadow:4px 4px 4px  
4px #7CEF00 }
```

Background

The CSS property to change the background color of an element to Hex 7CEF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CEF00 }
```

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

```
.background{ background-color:#7CEF00 }
```

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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