

Converting Colors

Hex(7AF500)

Have a look what the booklet for
Hex(7AF500) contains.

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Color

Hex(7AF500)

Conversions

Conversions Part 1

Format	Color
Hex	7AF500
RGB	122, 245, 0
RGB Percent	48%, 96%, 0%
CMY	0.5216, 0.0392, 1.0000
CMYK	0.50, 0.00, 1.00, 0.04
HSL	90°, 100%, 48%
HSV	90°, 100%, 96%
XYZ	40.6784, 69.4424, 11.2597
YIQ	180.2930, 5.3370, -102.2710

Conversions

Conversions Part 2

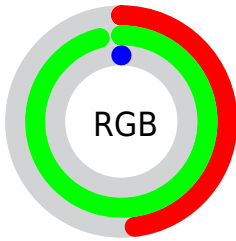
Format	Color
RYB	0, 245, 123
Decimal	8058112
CIELab	86.72, -65.97, 83.23
CIELCh	87, 106.205, 128.400
Yxy	69.4424, 0.3351, 0.5721
Android (android.graphics.Color)	4286248192 (0xFF7AF500)
YUV	180.2930, -88.8844, -51.1230
Hunter-Lab	83.3321, -58.6967, 50.3213

Details

The Hex color **7AF500** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **7B00F5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B8FF5B**, and **33BC00** is the 20% darker color. If you saturate the color by 10%, you get **7AF500**, and if you desaturate by 10%, it is **86F518**.

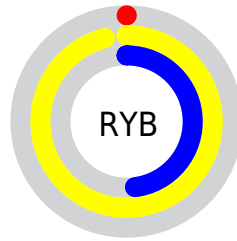
Distribution



Red (48%)

Green (96%)

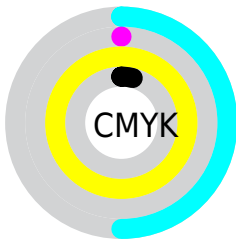
Blue (0%)



Red (0%)

Yellow (96%)

Blue (48%)

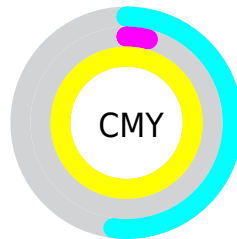


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (52%)

Magenta (4%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AF500 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 7AF500 by changing the saturation by 10% instead.

 7AF500

 7AF500

FFFFFF

 59D800

 B8FF5B

 33BC00

 D7FF7A

 00A000

 F7FF97

 008500

 FFFFB5

 006A00

 FFFFD3

 005100

 FFFFF1

 003900

 001F00

 000000

 7AF500

 86F518

 93F531

 9FF54A

 ABF562

 B7F57B

 C4F593

 D0F5AB

 DCF5C4

 E9F5DD

Harmonies

Analogous

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



EBDE00



7AF500



00FF8A

Triad

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



7AF500



00F8FF



FF5FC1

Complementary

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



7AF500



7B00F5

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



7AF500



00DDFF

Square

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



7AF500



00FFFF



FDB0FF



FF8660

Rectangle

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



7AF500



00FFD1



FDB0FF



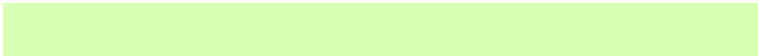
FF60E3

Sweetspot

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



7AF500



D9FFB3



F57B00



688052



000000



808080

Same Dimension

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



7AF500



7FFF00



00F500



747A6E



5DBA00



1D3B00

Inverse Universe

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



7B00F5



8000FF



F500F5



746E7A



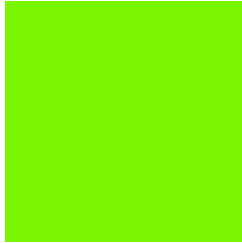
5D00BA



1D003B

Previews

White Background



This preview shows how the Hex color 7AF500 looks on a white background.

Color Contrast Check

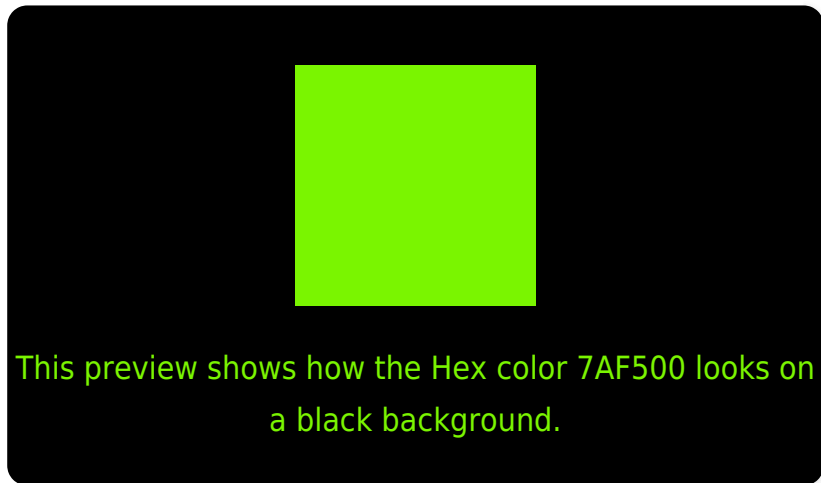
Large Text (above 18pt) WCAG AA × Fail

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

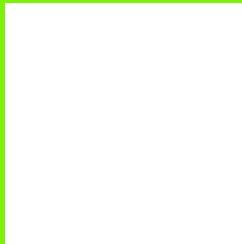
Any Text WCAG AAA ✓ Pass

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

Hex 7AF500 Background



This preview shows how black text looks on a background with the Hex color 7AF500.

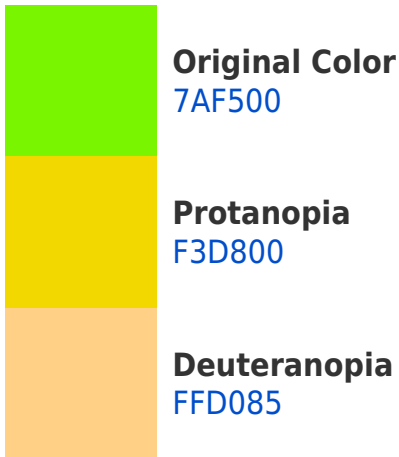


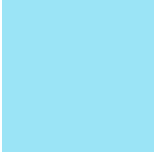
This preview shows how white text looks on a background with the Hex color 7AF500.

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](#).

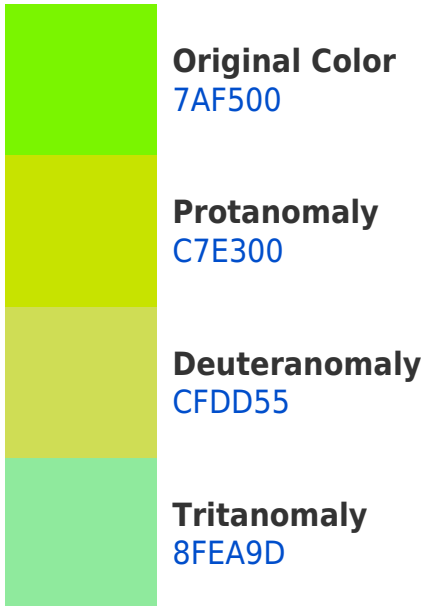
Dichromacy



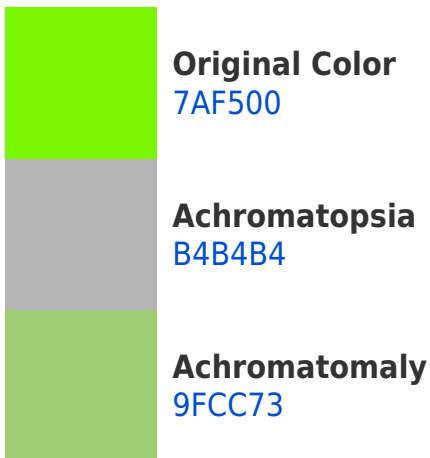


Tritanopia
9BE4F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AF500 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 #7AF500 looks like.

```
.text, #text, p{  
    color:#7AF500  
}
```

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 #7AF500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AF500
}
```

Border

The CSS property to change the border of an element to Hex 7AF500 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
#7AF500 }
```

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

```
.border{ border-color:#7AF500 }
```

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

Here you see how a box with a 4 pixel #7AF500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AF500; -webkit-box-shadow:4px 4px  
4px 4px #7AF500; box-shadow:4px 4px 4px  
4px #7AF500 }
```

Background

The CSS property to change the background color of an element to Hex 7AF500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AF500 }
```

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

```
.background{ background-color:#7AF500 }
```

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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