

Converting Colors

Hex(7FD900)

Have a look what the booklet for
Hex(7FD900) contains.

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Color

Hex(7FD900)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7FD900 |
| RGB | 127, 217, 0 |
| RGB Percent | 50%, 85%, 0% |
| CMY | 0.5020, 0.1490, 1.0000 |
| CMYK | 0.41, 0.00, 1.00, 0.15 |
| HSL | 85°, 100%, 43% |
| HSV | 85°, 100%, 85% |
| XYZ | 33.5653, 54.1377, 8.6806 |
| YIQ | 165.3520, 16.0170, -86.5670 |

Conversions

Conversions Part 2

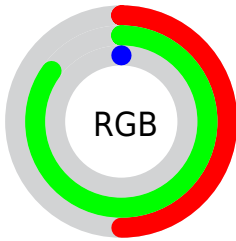
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 217, 90 |
| Decimal | 8378624 |
| CIELab | 78.54, -54.09, 76.93 |
| CIELCh | 79, 94.039, 125.114 |
| Yxy | 54.1377, 0.3482, 0.5617 |
| Android (android.graphics.Color) | 4286568704 (0xFF7FD900) |
| YUV | 165.3520, -81.5185, -33.6347 |
| Hunter-Lab | 73.5783, -47.3333, 44.5100 |

Details

The Hex color **7FD900** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5A00D9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BBFF55**, and **41A100** is the 20% darker color. If you saturate the color by 10%, you get **7FD900**, and if you desaturate by 10%, it is **88D916**.

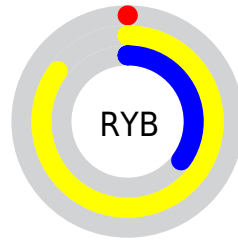
Distribution



Red (50%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (35%)

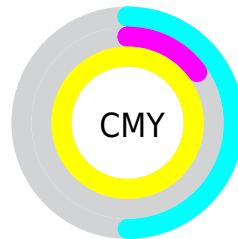


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (50%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FD900 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 7FD900 by changing the saturation by 10% instead.

 7FD900

 7FD900

FFFFFF

 61BD00

 BBFF55

 41A100

 D9FF73

 1A8700

 F7FF90

 006C00

 FFFFAD

 005300

 FFFFCE

 003B00

 FFFFEE

 002400

 000000

 7FD900

 88D916

 91D92B

 9AD941

 A3D957

 ACD96D

 B5D982

 BED998

 C7D9AE

 D0D9C3

Harmonies

Analogous

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



DBC400



7FD900



00E574

Triad

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



7FD900



00DFFF



FF5DB7

Complementary

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



7FD900



5A00D9

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.



FF76FF



7FD900



00C9FF

Square

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



7FD900



00E8FF



D3A4FF



FF7763

Rectangle

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



7FD900



00E8B1



D3A4FF



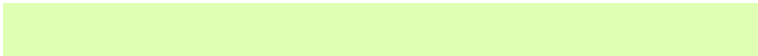
FF60D5

Sweetspot

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



7FD900



DFFFB3



D95700



6C8052



000000



808080

Same Dimension

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



7FD900



95FF00



16D900



696E63



65AD00



1B2E00

Inverse Universe

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



5A00D9



6A00FF



C300D9



67636E



4800AD



13002E

Previews

White Background



This preview shows how the Hex color 7FD900 looks on a white background.

Color Contrast Check

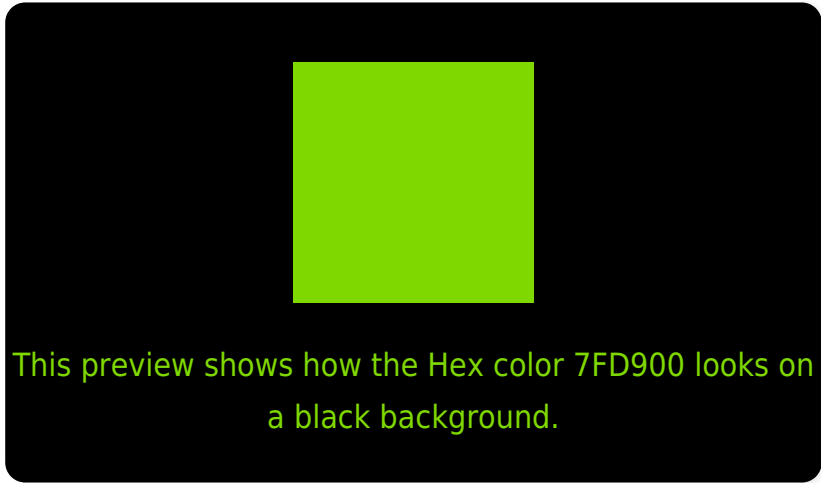
Large Text (above 18pt) WCAG AA × Fail

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 7FD900 Background



This preview shows how black text looks on a background with the Hex color 7FD900.

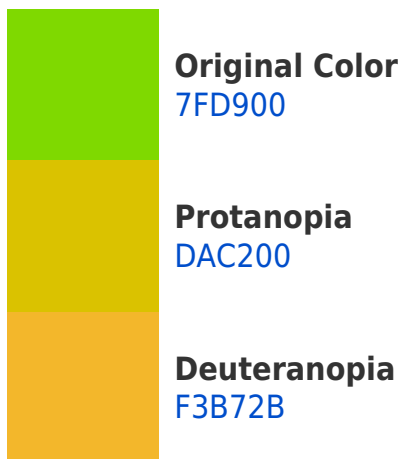


This preview shows how white text looks on a background with the Hex color 7FD900.

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
98CADA

Trichromacy



Original Color
7FD900



Protanomaly
B9CA00



Deuteranomaly
C9C31B

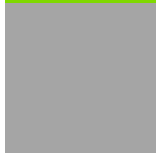


Tritanomaly
8FCF8B

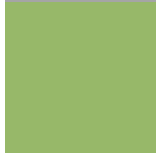
Monochromacy



Original Color
7FD900



Achromatopsia
A5A5A5



Achromatomaly
97B869

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FD900 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 #7FD900 looks like.

```
.text, #text, p{  
    color:#7FD900  
}
```

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 #7FD900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD900  
}
```

Border

The CSS property to change the border of an element to Hex 7FD900 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  
#7FD900 }
```

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

```
.border{ border-color:#7FD900 }
```

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

Here you see how a box with a 4 pixel #7FD900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD900; -webkit-box-shadow:4px 4px  
4px 4px #7FD900; box-shadow:4px 4px 4px  
4px #7FD900 }
```

Background

The CSS property to change the background color of an element to Hex 7FD900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD900 }
```

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

```
.background{ background-color:#7FD900 }
```

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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