

# How can I display values in dollar format using SAS?

Authored by  
**stats writer**

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## RECOMMENDED CITATION

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SAS (Statistical Analysis System) is a software suite commonly used for data management and analysis. It offers a variety of tools and functions to manipulate and present data in a desired format. One common requirement for data presentation is to display values in dollar format. This can be achieved in SAS by using the FORMAT procedure, which allows users to specify the format of the data being displayed. By using the appropriate format, users can easily convert numerical values into dollar format, including symbols such as currency signs and commas. This provides a clear and concise representation of data in a standardized format, making it easier for users to understand and interpret. The inclusion of dollar format in SAS further enhances the software's versatility and flexibility in data visualization and reporting.

## **SAS: Display Values in Dollar Format**

**You can use the DOLLAR format option in SAS to print values in a column formatted as dollars with:**

**A leading dollar sign  
Commas that separate every three digits  
A period that separates the decimal fraction**

**The following example shows how to use the DOLLAR format option in practice.**

**Example: Display Values in Dollar Format in SAS**

**Suppose we have the following dataset in SAS that contains information about the price of various products at some store:**

```
/*create dataset*/  
data my_data;  
input product $ price;
```

**datalines;**

**A 4134.50**

**B 13499.95**

**C 14695.99**

**D 1640.00**

**E 459.93**

**F 23.29**

**G 1005.38**

**;**

**run;**

**/\*view dataset\*/**

**proc printdata=my\_data;**

Obs	product	price
1	A	4134.50
2	B	13499.95
3	C	14695.99
4	D	1640.00
5	E	459.93
6	F	23.29
7	G	1005.38

**Suppose we would like to format the values in the price column using a dollar format.**

**We can use the following syntax to do so:**

```
/*view dataset and display price variable in dollar  
format*/
```

```
proc printdata=my_data;
```

```
format price dollar10.2;
```

```
run;
```

Obs	product	price
1	A	\$4,134.50
2	B	\$13,499.95
3	C	\$14,695.99
4	D	\$1,640.00
5	E	\$459.93
6	F	\$23.29
7	G	\$1,005.38

**Each value in the price column is displayed in a dollar format.**

**When using the dollar10.2 statement, the 10 specifies that a maximum of 10 characters will be needed to display the entire string including the dollar sign, commas and decimal place while the 2 specifies that 2 digits should be shown after the decimal place.**

If you don't want to display any values after the decimal place, you can use `dollar8.0` instead:

```
/*view dataset and display price variable in dollar format  
without decimal places*/
```

```
proc printdata=my_data;
```

```
format price dollar8.0;
```

```
run;
```

Obs	product	price
1	A	\$4,135
2	B	\$13,500
3	C	\$14,696
4	D	\$1,640
5	E	\$460
6	F	\$23
7	G	\$1,005

Notice that each value in the price column is rounded to the nearest dollar and each value after the decimal place has been truncated.

The following tutorials explain how to perform other common tasks in SAS: