

# Column float examples

AH Formatter extends the float feature to arrange the float in any positions on the page or arrange it across multiple columns. The reference area where the float is arranged can be specified by `axf:float-reference`, available values are `auto`, `normal`, `page`, `multicol` and `column`. Specify `axf:float-x` for arranging the float in horizontal direction, specify `axf:float-y` in vertical direction. This sample shows the float in a column document specified by `axf:float-reference="column"`.

Float example specified by `<fo:float axf:float-reference="column">`

Float is arranged on top of the column. `<fo:float axf:float-reference="column" axf:float-x="none" axf:float-y="top">`

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Float is arranged on bottom of the column. `<fo:float axf:float-reference="column" axf:float-x="none" axf:float-y="bottom">`

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Float is arranged on the lower left of the column. `<fo:float axf:float-reference="column" axf:float-x="left" axf:float-y="bottom">`

Float is arranged on the upper right of the column. `<fo:float axf:float-reference="column" axf:float-x="right" axf:float-y="top">`

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You can also use the shorthand property, `axf:float`, to specify the float-related extended properties at once. The following shows the same result but the different approach of using individual properties and using shorthand property.

Using individual extended properties (Arrange the float on top of the column)

```
<fo:float axf:float-reference="column" axf:float-x="none" axf:float-y="top">
```

Using the shorthand property (Arrange the float on top of the column)

```
<fo:float axf:float="column top">
```