🔷 **gradio**   ☰

Column

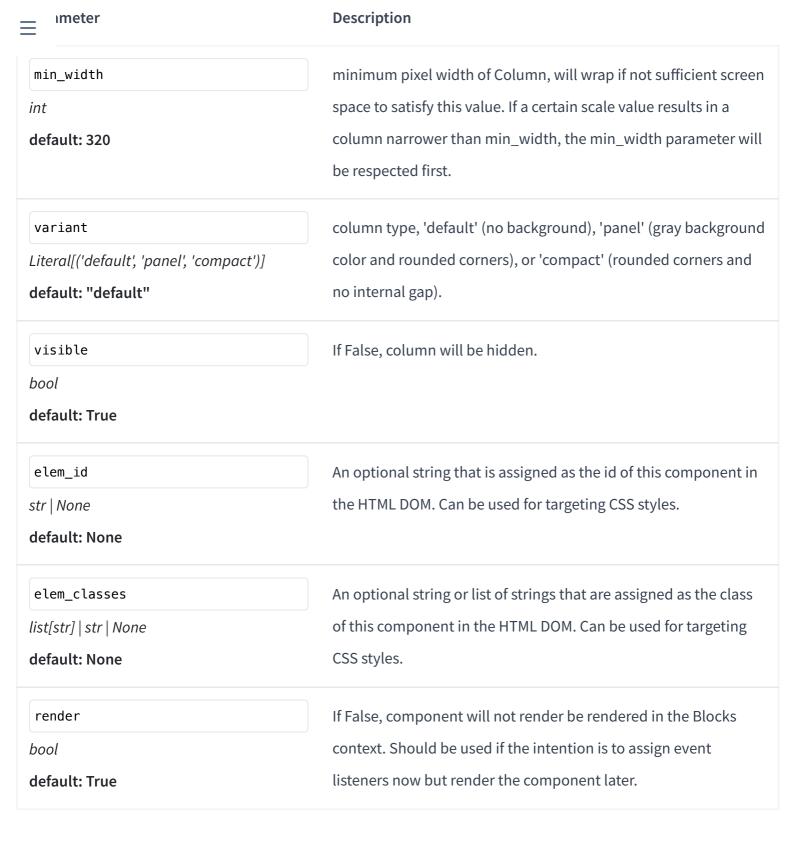```
with gradio.Column():
```

## Description

Column is a layout element within Blocks that renders all children vertically. The widths of columns can be set through the `scale` and `min_width` parameters. If a certain scale results in a column narrower than min_width, the min_width parameter will win.

## Example Usage

```python
with gr.Blocks() as demo:
    with gr.Row():
        with gr.Column(scale=1):
            text1 = gr.Textbox()
            text2 = gr.Textbox()
        with gr.Column(scale=4):
            btn1 = gr.Button("Button 1")
            btn2 = gr.Button("Button 2")
```

Initialization

Parameter	Description
scale *int* **default: 1**	relative width compared to adjacent Columns. For example, if Column A has scale=2, and Column B has scale=1, A will be twice as wide as B.

Parameter	Description
`min_width` *int* **default: 320**	minimum pixel width of Column, will wrap if not sufficient screen space to satisfy this value. If a certain scale value results in a column narrower than min_width, the min_width parameter will be respected first.
`variant` *Literal[('default', 'panel', 'compact')]* **default: "default"**	column type, 'default' (no background), 'panel' (gray background color and rounded corners), or 'compact' (rounded corners and no internal gap).
`visible` *bool* **default: True**	If False, column will be hidden.
`elem_id` *str	None* **default: None**	An optional string that is assigned as the id of this component in the HTML DOM. Can be used for targeting CSS styles.
`elem_classes` *list[str]	str	None* **default: None**	An optional string or list of strings that are assigned as the class of this component in the HTML DOM. Can be used for targeting CSS styles.
`render` *bool* **default: True**	If False, component will not render be rendered in the Blocks context. Should be used if the intention is to assign event listeners now but render the component later.

Guides

Controlling Layout

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