

Hubl - Hubspot HTML/HUBL

The Hubl is the language used to create HTML pages within Hubspot.

- [DND {% dnd %}](#)
- [Modules {% module %}](#)
- [.css auto adjust columns @media](#)

DND {% dnd %}

Refer to: <https://developers.hubspot.com/docs/cms/hubl/tags/dnd-areas>

-{% dnd_area %} tag supplies the default content for the drag and drop area.

```
{% dnd_area "unique_name", class="main" %}

{% end_dnd_area %}
```

`dnd_area` tags can also contain the following tags:

- dnd_section
 - dnd_column
 - dnd_module
 - dnd_row
-

-{% dnd_section %} is a top-level row, and must be nested within a {% dnd_area %}

```
{% dnd_area %}
  □{% dnd_section %} <!-- is a top-level row -->

  □{% end_dnd_section %}
{% end_dnd_area %}
```

`dnd_section` tags can also contain the following tags:

- dnd_column
 - dnd_module
-

- {% dnd_column %} is a vertical structural building block that occupies one or more layout columns defined by its parent row. It must be nested within a {% dnd_area %} tag

```
{% dnd_area %}
  □{% dnd_column %}

  □{% end_dnd_column %}
{% end_dnd_area %}
```

dnd_column Can also contain dnd_row.

- {% dnd_row %} is a horizontal structural building block that creates a nested 12-column layout grid in which columns and modules can be placed.

Must be nested within a {% dnd_area %}

```
{% dnd_area %}
  □{% dnd_row %}

  □{% end_dnd_row %}
{% end_dnd_area %}
```

dnd_row can also contain the following tags:

- dnd_column
- dnd_module

- {% dnd_module %} is a module wrapped within a div where layout, styles and content can be added.

Must be nested within a {% dnd_area %} tag.

```
{% dnd_area %}

  □{% dnd_module
    □□path="@hubspot/rich_text",
    □□offset=0,
    □□width=8,
  □%}
    □□{% module_attribute "html" %}
  □ □ <h1>Hello, world!</h1>
    □□{% end_module_attribute %}
  □{% end_dnd_module %}

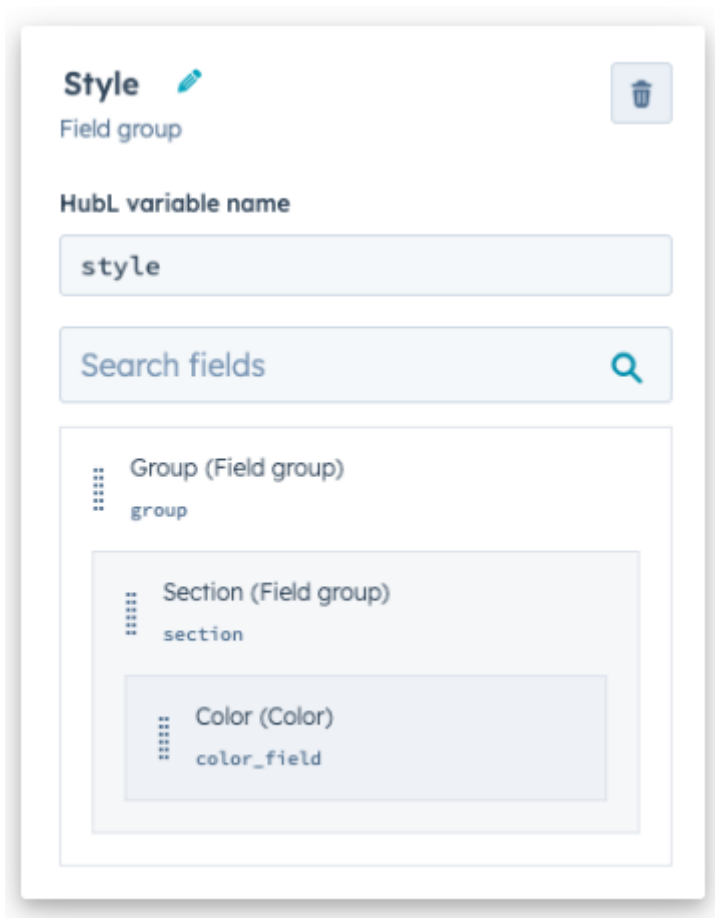
{% end_dnd_area %}
```

Modules {% module %}

Refer to: <https://developers.hubspot.com/docs/cms/building-blocks/modules/using-modules-in-templates>

You must first create a module before you can use this tag. Then, you can use this to reference a module and use it in a template.

This will be our custom module.



Module tag / Module name / Module Path / Parameters /

- Module name = gives the module a unique identity in the context of the template.
- Path = always start with `@hubspot/` followed by the type of module (unless its custom).
- Parameters = are comma-separated, key-value pairs
 - Requires double or single quotes
 - Boolean - no quotes needed for `True` or `False` values.

```
{% module "unique_module_name" path="@hubspot/module_type" %}
```

Examples:

```
{# Basic syntax #}
{% module "unique_module_name" path="@hubspot/module_type",
  parameterString='String parameter value',
  parameterBoolean=True
%}

{# Sample of a default HubSpot text module #}
{% module "job_title" path="@hubspot/text",
  label="Job Title",
  value="Chief Morale Officer"
%}

{# Sample of a custom module #}
{% module "faqs" path="/myWebsite/modules/faq_module",
  label="Custom FAQ Module"
  faq_group_title="Commonly Asked Questions"
%}
```

Setting default values for style fields

```
{% dnd_module
  path="./path/to/module",
  styles={
    "background_color":{
      "color":"#123",
      "opacity":50
    }
  }
%}
```

.css auto adjust columns @media

This is tagged at the "class" in the HTML.

If you are using this for a Hubl module, include a class area for that module. Most likely you will put it at the beginning or first <div> for that module.

```
<div class="row">
```

In the .css you will include the following:

```
.row {
  display: grid !important;
  grid-template-columns: repeat(4, 1fr) !important;
}
@media(max-width: 992px){
  .row {
    grid-template-columns: repeat(3, 1fr) !important;
  }
}
@media(max-width: 600px){
  .row {
    grid-template-columns: repeat(2, 1fr) !important;
  }
}
@media(max-width: 480px){
  .row {
    grid-template-columns: 1fr;
  }
}
```

`repeat(4, 1fr)` You can adjust this to as many columns as needed `repeat(3, 1fr)` or, `repeat(4, 1fr)` or whatever.