

# Margin Notes

The easiest way to add margin notes is by simply calling:

```
#margin-note[content]
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam. Lorem ipsum.

Lorem ipsum dolor. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequae doleamus animo, cum.

Multiple reviewers? Customize your margin note colors:

```
#let reviewer-a = margin-note.with(stroke: blue)
```

```
#let reviewer-b = margin-note.with(stroke: purple)
```

Don't like the default color or side? Update them to something more appealing. You can combine this with set rules for even deeper customization:

```
#set-margin-note-defaults(stroke: yellow, side: left)
#let my-note(..args) = {
  set text(weight: "bold")
  set rect(fill: yellow.lighten(80%))
  margin-note(..args)
}
```

set-margin-note-defaults also allows you to globally hide notes by default. This is useful for when you want to hide all notes in a document, but selectively show them for a particular reviewer:

```
#set-margin-note-defaults(hidden: true)
#margin-note[This will now be hidden by default]
#margin-note(hidden: false)[This will still show]
```

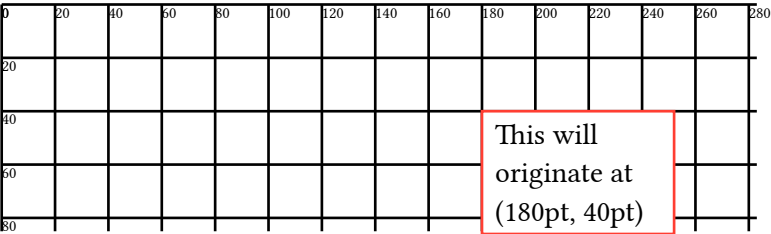
Todo:

- Incorporate logic from <https://github.com/typst/typst/issues/763> when it's resolved to avoid users explicitly calling `drafting.set-page-properties`

## Positioning

Need to measure space for fine-tuned positioning? You can use `rule-grid`. Just note that dimensions can't be specified using %:

```
#rule-grid(width: 10cm, height: 3cm, spacing: 20pt)
```



What about absolutely positioning something regardless of margin and relative location? `absolute-place` is your friend. You can put content anywhere:

```
#absolute-place(
  dx: dx, dy: dy,
  rect(
    fill: green.lighten(60%),
    radius: 0.5em,
    width: 2.25in,
    [content]
  )
)
```

This absolutely-placed box will originate at (252pt, 78%) in page coordinates

The “rule-grid” also supports absolute placement at the top-left of the page by passing `relative: false`. This is helpful for “rule”-ing the whole page.

Todo:

- Allow percentage-based dimensions for `rule-grid`
- Allow independent (x, y) divisions or spacing rather than forcing square units

<sup>1</sup>typst warns when the layout doesn't resolve after 5 attempts, which happens when there are 4 or more overlapping notes.