

# Inline HTML Templates

This example embeds raw HTML templates directly in the frontmatter for full control over headers and footers. For larger templates, see example 17 which loads HTML from external files.

## When to Use This

Use `pdf_options.headerTemplate` and `pdf_options.footerTemplate` when you need:

- Complex HTML structures
- Custom borders or decorations
- Precise positioning control
- Anything the simplified `header` / `footer` config can't do

## Template Format

Templates are full HTML documents with inline styles:

```
<html>
<head>
  <style>
    #header { padding: 0 !important; }
    .my-header { /* your styles */ }
  </style>
</head>
<body>
  <div class="my-header">Content here</div>
</body>
</html>
```

## Special Classes

Puppeteer replaces these with actual values:

Class	Description
pageNumber	Current page number
totalPages	Total page count
date	Current date
title	Document title
url	Document URL

Example: `<span class="pageNumber"></span>`

## Important Notes

- Templates must include `#header { padding: 0 !important; }` or `#footer { padding: 0 !important; }` to remove Puppeteer's default padding
- Set adequate margins in `pdf_options.margin` to make room for headers/footers
- Use `-webkit-print-color-adjust: exact` for background colors