# The PaperSize Class

*class* **pypdf.PaperSize** [source]

Bases: `object`

(width, height) of the paper in portrait mode in pixels at 72 ppi.

> **A0** = *Dimensions(width=2384, height=3370)*

> **A1** = *Dimensions(width=1684, height=2384)*

> **A2** = *Dimensions(width=1191, height=1684)*

> **A3** = *Dimensions(width=842, height=1191)*

> **A4** = *Dimensions(width=595, height=842)*

> **A5** = *Dimensions(width=420, height=595)*

> **A6** = *Dimensions(width=298, height=420)*

> **A7** = *Dimensions(width=210, height=298)*

> **A8** = *Dimensions(width=147, height=210)*

> **C4** = *Dimensions(width=649, height=918)*

## add blank page with PaperSize

```
from PyPDF2 import PaperSize, PdfReader, PdfWriter
pdf_reader = PdfReader("sample.pdf")
pdf_writer = PdfWriter()
pdf_writer.append_pages_from_reader(pdf_reader)
pdf_writer.add_blank_page(PaperSize.A8.width, PaperSize.A8.height)
with open("output.pdf", "wb") as output_stream:
    pdf_writer.write(output_stream)
```

## insert blank page with PaperSize

```
from PyPDF2 import PaperSize, PdfReader, PdfWriter
pdf_reader = PdfReader("sample.pdf")
pdf_writer = PdfWriter()
pdf_writer.append_pages_from_reader(pdf_reader)
pdf_writer.insert_blank_page(PaperSize.A8.width, PaperSize.A8.height, 1)
with open("output.pdf", "wb") as output_stream:
    pdf_writer.write(output_stream)
```