

LaTeX Parchment Paper

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What this does. Paints each page with a generative parchment texture: warm base color, edge vignette, faint stains, wispy fibers, and tiny speckles. All layers are configurable with simple key-value options (and the result is deterministic if you set a seed). You can choose from five different parchment styles.

Quick start (1-liner)

Preload with your favorite vibe and counts:

```
\usepackage[  
  theme=principia, vignette=0.20,  
  stains=24, fibers=12, speckles=360  
{parchment}
```

Toggle on/off while drafting:

```
\parchmentDisable % background OFF  
...typeset...  
\parchmentEnable % background ON again
```

Options at a glance

theme Colour palette. Try principia (warm) or elements (cool olive). Other moods: papyrus, dark, bleached.

vignette Edge darkening strength 0..0.8. 0 = none; ~0.15–0.25 = bookish.

stains Count of big cloudy blotches (very low opacity).

fibers Count of subtle strands (paper fibers).

speckles Count of tiny dots (fine grain / foxing).

stainson, fiberson, speckleson Booleans to toggle any layer.

seed Digits for reproducible randomness. Each page uses seed + page.

bleed Extra background beyond page as a fraction of size (e.g., 0.02 for 2%).

apply Master on/off (load but don't draw: apply=false).

Live controls (mid-document)

Change the look on the next pages without reloading:

```
\parchmentsetup{theme=elements, vignette=0.16,  
  stains=18, fibers=8, speckles=300}
```

Deterministic textures across runs:

```
\parchmentsetup{seed=20251015}    % any digits work
```

Print bleed if you plan to trim:

```
\parchmentsetup{bleed=0.02}        % 2% background bleed around the page
```

Mini sampler (next pages)

The next pages switch themes and tweak counts so you can see differences at a glance.

Theme: ELEMENTS

Settings: theme=elements, vignette=0.16, stains=18, fibers=8, speckles=300

Theme: PAPYRUS

Settings: theme=papyrus, vignette=0.22, stains=24, fibers=10, speckles=320

Theme: DARK

Settings: theme=dark, vignette=0.12, stains=12, fibers=6, speckles=260

Theme: BLEACHED

Settings: theme=bleached, vignette=0.12, stains=12, fibers=6, speckles=260

*Have fun turning notes into dusty tomes.
(Inspired by the “Coffee Stains” example.)*