



Это не презентация, это хорошо замаскированная книга

LATEX

/'la:tɛx/ или /'leɪtɛx/

1978: TeX

Donald Knuth

1984: LaTeX

Leslie Lamport

1982: PostScript

Adobe Systems

1993: PDF

Adobe Inc.

```
\documentclass[a5paper]{book}
% Что-бы было видно страницу на сером фоне
\usepackage{xcolor}
\usepackage{pagecolor}
\pagecolor{white}

\begin{document}

\LARGE
Hello World!\footnotemark[42]

\footnotetext[42]{From \LaTeX}

\end{document}
```

1

Hello World!⁴²

⁴²From \LaTeX

Текст + Блоки → **Страницы**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget seen vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

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\newpage

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.tex → .pdf

```
/mnt/c/Users/f.lynx      X + V
$ lualatex ./hello-world.tex |
```

hello-world.tex - TeXworks X
File Edit Search Format Typeset Scripts Window Help
LuaLaTeX

```
\documentclass[10pt]{book}
% Что бы было видно страницу на первом фоне
\usepackage{xcolor}
\usepackage{pagecolor}
\pagecolor{white}

\begin{document}

\LARGE
Hello World\footnotemark[42]
\footnotetext[42]{From \LaTeX}

\end{document}
```

hello-world.pdf - TeXworks X
File Edit Search View Typeset Scripts Window Help

The screenshot shows the TeXworks interface with two windows. The left window is titled 'hello-world.tex - TeXworks' and displays the LaTeX source code. The right window is titled 'hello-world.pdf - TeXworks' and displays the resulting PDF document, which contains the text 'Hello World!' in large font. A small note at the bottom of the page says 'From \LaTeX'.

CRLF UTF-8 Line 1 of 15; col 0 38.02% page 1 of 1

Плюсы

Простые шаблоны
Работа с большими проектами
Полная поддержка всего необходимого
Документация
Свободное и открытое

Минусы

Не WYSIWYG
Сложнее создавать графику
Меньше смысла для мелких задач

Альтернативы

Adobe:

InDesign / Illustrator / Photoshop / DPS

OpenSource:

Scribus / Inkscape / Krita / Blender

photobook

в **photobook**
можно делать:

Вылеты
Страницы
Развороты
Раскладные страницы
Форзацы
Обложки
Суперобложки

```
\documentclass{photobook}
```

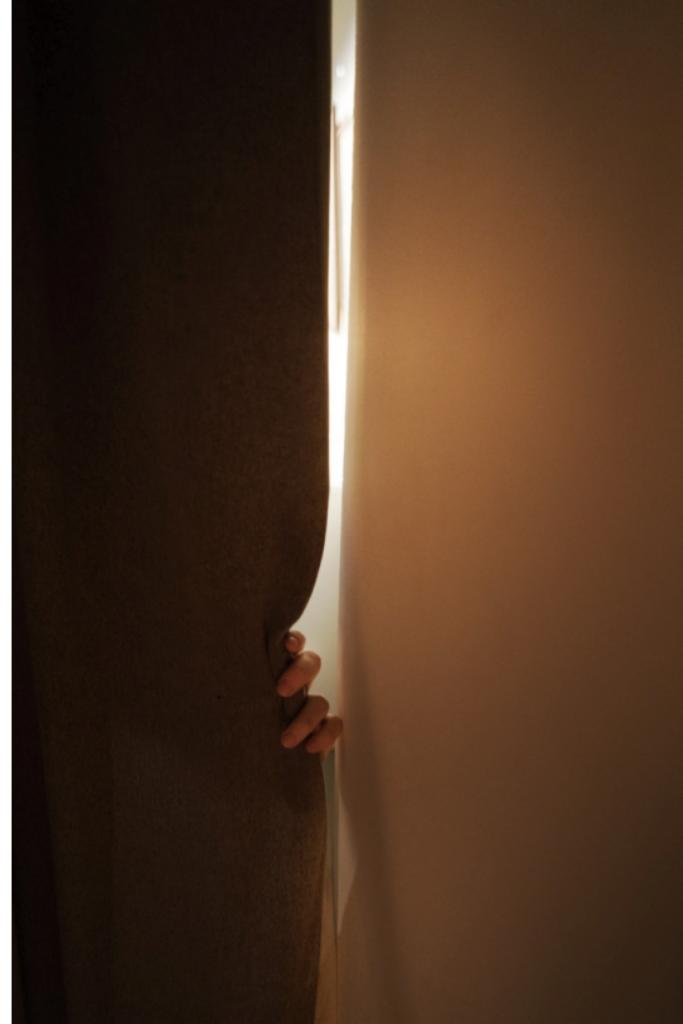
```
\documentclass[  
    layoutmode=block,  
    blockwidth=96mm,  
    blockheight=108mm,  
    bleed=0mm,  
    bindingoffset=0mm,  
    imageblockwidth=0.98,  
    imageblockheight=0.98,  
] {photobook}
```

\ImagePageClear{Скверик}{images/DSC03759}



Скверик

\ImagePageFit{}{images/DSC02091}



\ImageSpread{Копейка под домом}{images/DSC05647}



Копейка под домом

\ImageSpreadFitL{Новый Год}{images/DSC03603a}



Новый Год

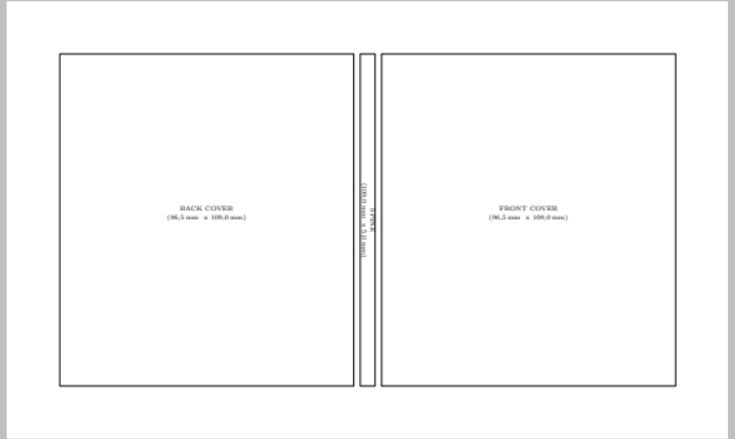
```
\tweakimageoffset{top}{5mm}
\ImageSpreadFill{%
    \color{lightgray}%
    Чепятники}{images/DSC06650}
```



Чепя́тники

Шаблоны шаблонов

```
\documentclass[  
    layoutmode=cover,  
    spinewidth=5mm,  
    spinefold=2mm,  
    coverflap=17mm,  
    coverboardgrow=0.5mm,  
    ...  
]{photobook}  
\begin{document}  
  
\GenerateTemplate  
  
\end{document}
```



```
\documentclass[  
    layoutmode=jacket,  
    ...  
    jacketflap=50mm,  
    jacketwrap=0.5mm,  
    ...  
]{photobook}  
\begin{document}  
  
\GenerateTemplate  
  
\end{document}
```



```
\documentclass[  
    layoutmode=endpaper,  
    ...  
]{photobook}  
\begin{document}  
  
\GenerateTemplate  
  
\end{document}
```



Шаблоны для коробок
Больше примеров
Учебник
Исправление багов
Вылизывание и чистка

:Планы

TeXLive

<https://www.tug.org/texlive/>

LATEX

<https://www.latex-project.org/>

photobook

<https://ctan.org/pkg/photobook>

TeX Wikipedia

<https://ru.wikipedia.org/wiki/TeX>

LATEX Wikipedia

<https://ru.wikipedia.org/wiki/LaTeX>

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<https://opensource.org/licenses/bsd-3-clause/>

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https://en.wikipedia.org/wiki/Public_domain

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