

pst-poker

v.0.03b

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This document illustrates the possible variations in displaying playing cards available in the L^AT_EX pst-poker package.

pst-poker is based on the package poker from Olaf Encke (<http://web.mit.edu/foley/games/Arca>)

Thanks to:
Karl Berry

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1 Introduction

pst-poker itself loads the following packages:


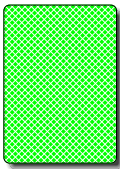
```
\RequirePackage{pstricks,pst-blur,multido}
\RequirePackage{graphicx}
\RequirePackage[tiling]{pst-fill}
```



If you want to pass some optional arguments to one or more of these packages you have to use the macro `\PassOptionsToPackage` *before* loading pst-poker. The best way is before the document class. For example

```
\PassOptionsToPackage{graphicx}{xetex}
\documentclass{article}
\usepackage{pst-poker}
[...]
```

2 Inline Poker symbols

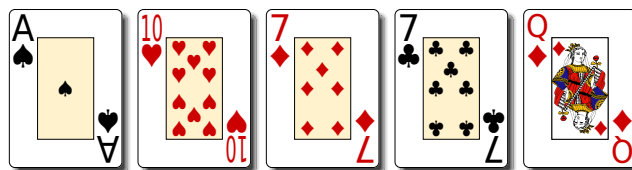
There are several possible styles for inline cards. The default way is as small cards, i.e. . They can also be displayed as simple symbols $A♣ K♥ Q♦ J♠ 10♣$ or as boxed symbols .

. A card back  is available, too.

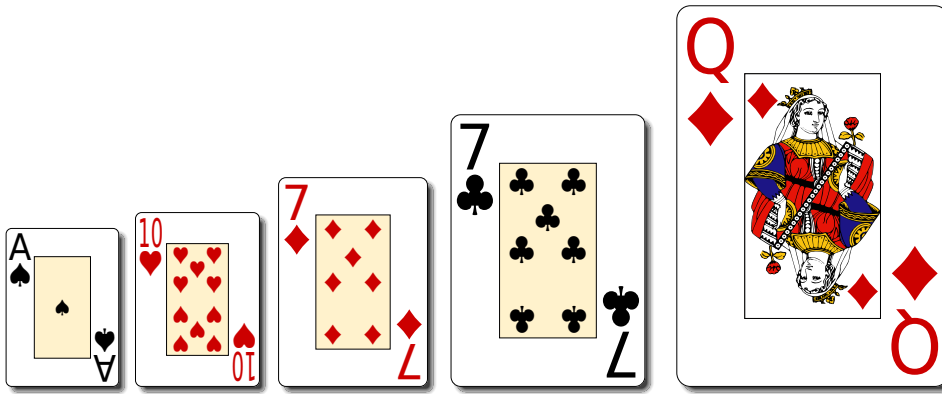
It is also possible to vary the used colorset. In addition to the standard red/black colors, a four color set  as often used in online poker can be chosen. When colors are not desired, i.e. for printing purposes, the possible alternatives are a grayscale version $A♣ K♥ Q♦ J♠ 10♣$ or complete black/white  with outlined red symbols.

3 Poker cards

The big cards offer a lot of options for design. The default design looks like this.



The most basic variation is the size set by unit.

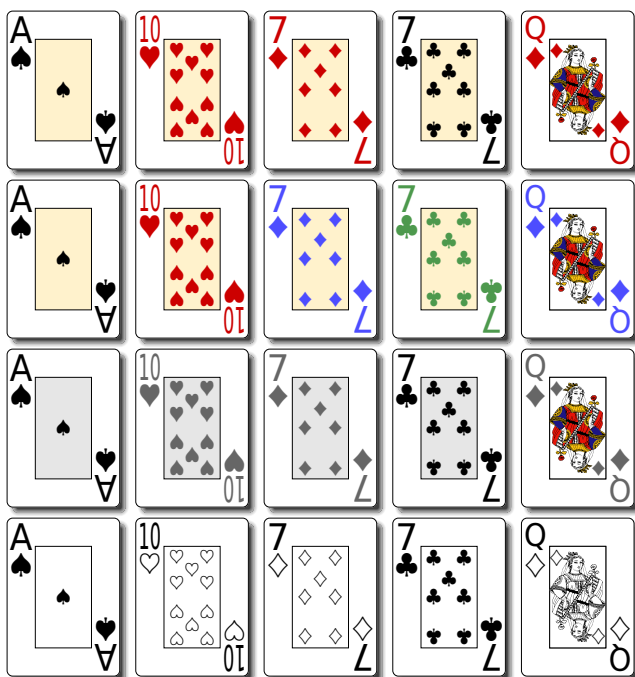


```

\crdAs
\psset{unit=1.1}
\crdtenh
\psset{unit=1.2}
\crdsevd
\psset{unit=1.3}
\crdsevc
\psset{unit=1.4}
\crdQd

```

As with the inline cards we can choose the colorset.

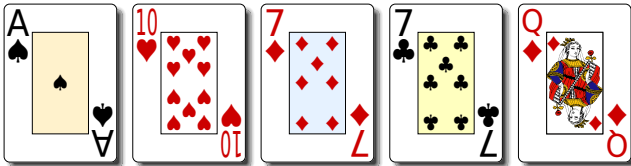


```

\psset{framebg=beige}
\crdAs
\crdtenh
\crdsevd
\crdsevc
\crdQd\
\psset{colorset=4c}
\crdAs
\crdtenh
\crdsevd
\crdsevc
\crdQd\
\psset{colorset=gs}
\crdAs
\crdtenh
\crdsevd
\crdsevc
\crdQd\
\psset{colorset=bw}
\crdAs
\crdtenh
\crdsevd
\crdsevc
\crdQd

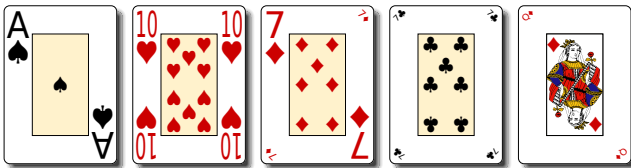
```

The frame background can be varied separately by the optional argument `framebg`, either with predefined colors as shown here or by using a selfdefined color.



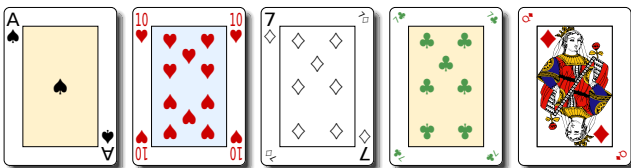
```
\psset{colorset=2c}
\psset{framebg=beige}\crdAs
\psset{framebg=white}\crdtenh
\psset{framebg=blue}\crdsevd
\psset{framebg=yellow}\crdsevc
\psset{framebg=beige}\crdQd
```

It is also possible to place indices in all **four corners** or use **peek indices**.



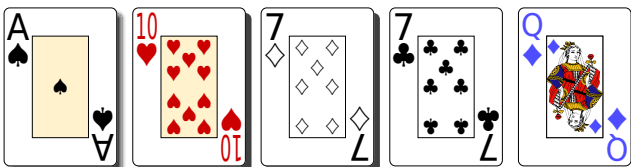
```
\psset{corners=2}\crdAs
\psset{corners=4}\crdtenh
\psset{peek=right}\crdsevd
\psset{peek=both}\crdsevc
\psset{corners=2,peek=left}\crdQd
```

Besides the **jumbo indices** a **regular index** can be used. All other options remain available.



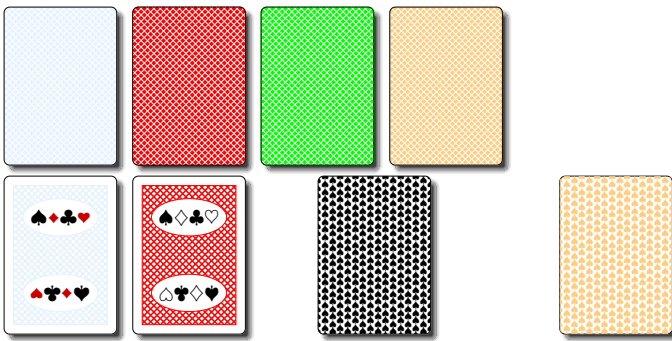
```
\psset{corners=2}\crdAs
\psset{corners=4,framebg=blue}\crdtenh
\psset{peek=right,framebg=beige,colorset=bw}\crdsevd
\psset{peek=both,colorset=4c}\crdsevc
\psset{corners=2,peek=left,colorset=2c}\crdQd
```

The `crdshadow` of the cards can be shown blurred, solid or deactivated.



```
\psset{index=jumbo,corners=2,colorset=4c}
\psset{crdshadow=blurred}\crdAs
\psset{crdshadow=solid}\crdtenh
\psset{crdshadow=solid,colorset=bw}\crdsevd
\psset{crdshadow=none,colorset=bw}\crdsevc
\psset{crdshadow=none,colorset=4c}\crdQd
```

Card backs are also available in various styles and customizable in color.



```

\psset{crdshadow=blurred,colorset=4c}
\psset{backcolor=blue}\crdback
\psset{backcolor=red}\crdback
\psset{back=simple,backcolor=green}\crdback
\psset{back=simple,backcolor=orange}\crdback\
\psset{colorset=2c,back=suits,backcolor=blue}\crdback
\psset{colorset=bw,back=suits,backcolor=red}\crdback
\psset{back=spades,backcolor=black}\crdback
\psset{back=spades,backcolor=orange}\crdback\

```