

# Der neue Key/Value-Handler

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# Key/Value als Paketooption

```
\usepackage[left=1cm,right=2cm]{geometry}
```

```
\usepackage[style=authoryear]{biblatex}
```

Paket	Declaration von Optionen	Ausführen
$\LaTeX$ (kein Key/Value)	<code>\DeclareOption</code>	<code>\ProcessOptions</code>
kvoptions	<code>\define@key</code> <code>\DeclareStringOption</code>	<code>\ProcessKeyvalOptions</code>
xkeyval	<code>\define@key</code> <code>\DeclareOptionX</code>	<code>\ProcessOptionsX</code>
pgfopts	<code>\pgfkeys</code>	<code>\ProcessPgfOptions</code>
scrbase	<code>\DefineFamilyKey</code>	<code>\FamilyProcessOptions</code>
l3keys2e	<code>\keys_define:nn</code>	<code>\ProcessKeysOptions</code>

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l3keys2e	<code>\keys_define:nn</code>	<code>\ProcessKeysOptions</code>
$\LaTeX$ Neu!	<code>\DeclareKeys</code> <code>\keys_define:nn</code>	<code>\ProcessKeyOptions</code>

Kein s!

# Der Mehrwert: kein Option clash mehr

```
\documentclass{article}  
\usepackage[dvipsnames]{xcolor}  
\usepackage[dvips,svgnames,table]{xcolor}
```

Vorher

! LaTeX Error: Option clash for package xcolor.

Nachher

```
c:/texlive/2022/texmf-dist/tex/latex/graphics/dvipsnam.def
```

LaTeX3 Warning: Package "xcolor" has already been loaded:  
ignoring load-time option "dvips".

```
c:/....../tex/latex/xcolor/svgnam.def  
c:/texlive/2022/texmf-dist/tex/latex/colortbl/colortbl.sty
```