

# LaTeX highlight demo

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Let's start

# Simple document

And your code should now look like:

```
% File: document.tex
\documentclass[a4paper]{article}
\usepackage{amsmath}

\begin{document}
  Insert math like  $\sqrt{2}$ .

\end{document}
```

after it

# Simple document: Analysis

The first line was of the form `\documentclass[]{}.`

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Note the `$` are only green because we defined it as a keyword.

## Next to each other

```
\begin{figure}  
  \includegraphics  
    [width=0.9\linewidth]  
    {myPlot.pdf}  
  
  \caption{My plot}  
  \label{fig:myplot}  
\end{figure}
```

You could have here code  
too:

```
\begin{figure}[htbp]
```