The \texttt{ensps-colorscheme} package *

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Abstract

A simple package to provide the ENS Paris-Saclay colors and theme. It has been reversed engineered from the official Université Paris-Saclay “Charte Graphique”.

1 Introduction

This package provides the ENS Paris-Saclay colors and theme. It can be used in PhD theses, presentations and other documents to ensure a consistent look and feel. The package is loosely based on the following document \texttt{Charte Graphique}¹.

For now, the package only provides colors and a way to visualize them.

2 Usage

\texttt{\enspscolordefs} The package defines the following colors:

- A1: \texttt{A1bg} and \texttt{A1hint}
- A2: \texttt{A2bg} and \texttt{A2hint}
- A3: \texttt{A3bg} and \texttt{A3hint}
- A4: \texttt{A4bg} and \texttt{A4hint}
- A5: \texttt{A5bg} and \texttt{A5hint}
- B1: \texttt{B1bg} and \texttt{B1hint}
- B2: \texttt{B2bg} and \texttt{B2hint}
- B3: \texttt{B3bg} and \texttt{B3hint}
- B4: \texttt{B4bg} and \texttt{B4hint}
- B5: \texttt{B5bg} and \texttt{B5hint}

*This document corresponds to \texttt{ensps-colorscheme v0.0.1}, dated 2024-05-03.
¹\url{https://www.universite-paris-saclay.fr/sites/default/files/2020-06/Charte-graphique-UniversiteParisSaclay.pdf}. 
• C1: \texttt{(C1bg \textand C1hint \text{)}
• C2: \texttt{(C2bg \textand C2hint \text{)}
• C3: \texttt{(C3bg \textand C3hint \text{)}
• C4: \texttt{(C4bg \textand C4hint \text{)}
• C5: \texttt{(C5bg \textand C5hint \text{)}
• D1: \texttt{(D1bg \textand D1hint \text{)}
• D2: \texttt{(D2bg \textand D2hint \text{)}
• D3: \texttt{(D3bg \textand D3hint \text{)}
• D4: \texttt{(D4bg \textand D4hint \text{)}
• D5: \texttt{(D5bg \textand D5hint \text{)}

\textbf{Prune: Prune}

\texttt{\textbackslash enspcolors} The \texttt{\textbackslash enspcolors} command creates a small tikzpicture with the ENS Paris-Saclay colors. Producing the following output:

\begin{center}
\begin{tikzpicture}
\begin{scope}
\node at (0,0) {A1};
\node at (0.5,0) {A2};
\node at (1,0) {A3};
\node at (1.5,0) {A4};
\node at (2,0) {A5};
\node at (0,1) {B1};
\node at (0.5,1) {B2};
\node at (1,1) {B3};
\node at (1.5,1) {B4};
\node at (2,1) {B5};
\node at (0,2) {C1};
\node at (0.5,2) {C2};
\node at (1,2) {C3};
\node at (1.5,2) {C4};
\node at (2,2) {C5};
\node at (0,3) {D1};
\node at (0.5,3) {D2};
\node at (1,3) {D3};
\node at (1.5,3) {D4};
\node at (2,3) {D5};
\end{scope}
\end{tikzpicture}
\end{center}

\textbf{Index}

Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.

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\item \texttt{\textbackslash enspcolordefs} . . . . \texttt{1, 1}
\end{itemize}

\textbf{Change History}

v0.0.1

General: Initial version . . . . . . . . . . . \texttt{1}

2
3 Implementation

\enpsc colordefs Here we define the colors for the ENS Paris-Saclay theme. The main colors are hard coded, and the bg and hint colors are then computed from the main colors.

\begin{verbatim}
\definecolor{Prune}{RGB}{99,0,60}
\definecolor{A1}{HTML}{000000}
\definecolor{B1}{RGB}{49,62,72}
\definecolor{C1}{RGB}{124,135,143}
\definecolor{D1}{RGB}{213,218,223}
\definecolor{A2}{RGB}{198,11,70}
\definecolor{B2}{RGB}{237,20,91}
\definecolor{C2}{RGB}{238,52,35}
\definecolor{D2}{RGB}{243,115,32}
\definecolor{A3}{RGB}{124,42,144}
\definecolor{B3}{RGB}{125,106,175}
\definecolor{C3}{RGB}{198,103,29}
\definecolor{D3}{RGB}{254,188,24}
\definecolor{A4}{RGB}{0,78,125}
\definecolor{B4}{RGB}{14,135,201}
\definecolor{C4}{RGB}{0,148,181}
\definecolor{D4}{RGB}{70,195,210}
\definecolor{A5}{RGB}{0,128,122}
\definecolor{B5}{RGB}{64,183,105}
\definecolor{C5}{RGB}{140,198,62}
\definecolor{D5}{RGB}{213,223,61}
\foreach \name in {A,B,C,D} {
  \foreach \hue in {1,2,3,4,5} {
    \foreach \shade\intensity in {hint/20,bg/50} {
      \xglobal\colorlet{\name\hue\shade}{\name\hue!\intensity!white}
    }
  }
  \foreach \name in {A,B,C,D} {
    \foreach \hue in {1,2,3,4,5} {
      \foreach \shade\intensity in {hint/20,bg/50} {
        \xglobal\colorlet{\name\hue\shade}{\name\hue!\intensity!white}
      }
    }
  }
  \begin{tikzpicture}
    \foreach \letter/x in {A/0,B/1,C/2,D/3} {
      \foreach \y\variant in {0,1/2,2/3,3/4,4/5} {
        \node[color=\letter\variant] at (\x,\y)
        \foreach \name/x/y in {Prune/3/4} {
          \node[color=\name] at (\x,\y)
        }
      }
    }
  \end{tikzpicture}
\end{verbatim}

\enspscolors Create a small tikzpicture with the ENS Paris-Saclay colors.
49 \{\name\};
50 
51 \end{scope}
52 \end{tikzpicture}
53 \end{tikzpicture}