The 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 `Charte Graphique`[1].

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

2 Usage

`\enspscolordefs` The package defines the following colors:

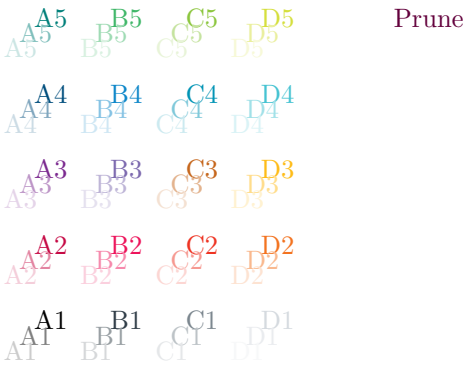
- A1: ■ (`\A1bg` ■ and `\A1hint` ■)
- A2: ■ (`\A2bg` ■ and `\A2hint` ■)
- A3: ■ (`\A3bg` ■ and `\A3hint` ■)
- A4: ■ (`\A4bg` ■ and `\A4hint` ■)
- A5: ■ (`\A5bg` ■ and `\A5hint` ■)
- B1: ■ (`\B1bg` ■ and `\B1hint` ■)
- B2: ■ (`\B2bg` ■ and `\B2hint` ■)
- B3: ■ (`\B3bg` ■ and `\B3hint` ■)
- B4: ■ (`\B4bg`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

*This document corresponds to ensps-colorscheme v0.0.1, dated 2024-05-03.

[1] https://www.universite-paris-saclay.fr/sites/default/files/2020-06/Charte-graphique-UniversiteParisSaclay.pdf.

- C1: (\C1bg and \C1hint)
- C2: (\C2bg and \C2hint)
- C3: (\C3bg and \C3hint)
- C4: (\C4bg and \C4hint)
- C5: (\C5bg and \C5hint)
- D1: (\D1bg and \D1hint)
- D2: (\D2bg and \D2hint)
- D3: (\D3bg and \D3hint)
- D4: (\D4bg and \D4hint)
- D5: (\D5bg and \D5hint)
- Prune: Prune

`\enspscolors` The `\enspscolors` command creates a small tikzpicture with the ENS Paris-Saclay colors. Producing the following output:



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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.

Change History

v0.0.1

General: Initial version 1

3 Implementation

`\enspscolordefs` 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.

```
\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}
        }
    }
}
```

`\enspscolors` Create a small tikzpicture with the ENS Paris-Saclay colors.

```
\newcommand{\enspscolors}{
    \begin{tikzpicture}
        \foreach \letter/\x in {A/0,B/1,C/2,D/3} {
            \foreach \y/\variant in {0/1,1/2,2/3,3/4,4/5} {
                \node[color=\letter\variant]
                    (\letter\variant) at (\x,\y)
                    {\letter\variant};
                \node[color=\letter\variant bg]
                    (BG\letter\variant) at ({\x - 0.2}, {\y - 0.2})
                    {\letter\variant};
                \node[color=\letter\variant hint]
                    (HT\letter\variant) at ({\x - 0.4}, {\y - 0.4})
                    {\letter\variant};
            }
        }
        \begin{scope}[xshift=2cm]
            \foreach \name/\x/\y in {
                Prune/3/4
            } {
                \node[color=\name] (\name) at (\x,\y)
```

```
                        {\name};
            }

        \end{scope}
    \end{tikzpicture}
}
```