

# Package countriesofeurope

Printing all european countries as a character of a font (v. 0.23)

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## 1 Introduction

This package defines the two macros `\countriesofeuropefamily` (short version is `\CoEF`) and `\EUCountry[options]{name}`, which allow to print one of the european countries as a single character with the given scaling or with an individual scaling.

The first one switches to the font encoding U (Type 1) or TU (OpenType) and loads the font and the second one does the same but also with printing the character which the given name, e.g. for Finland: `\EUCountry[Scale=0.2]{Germany}→`.

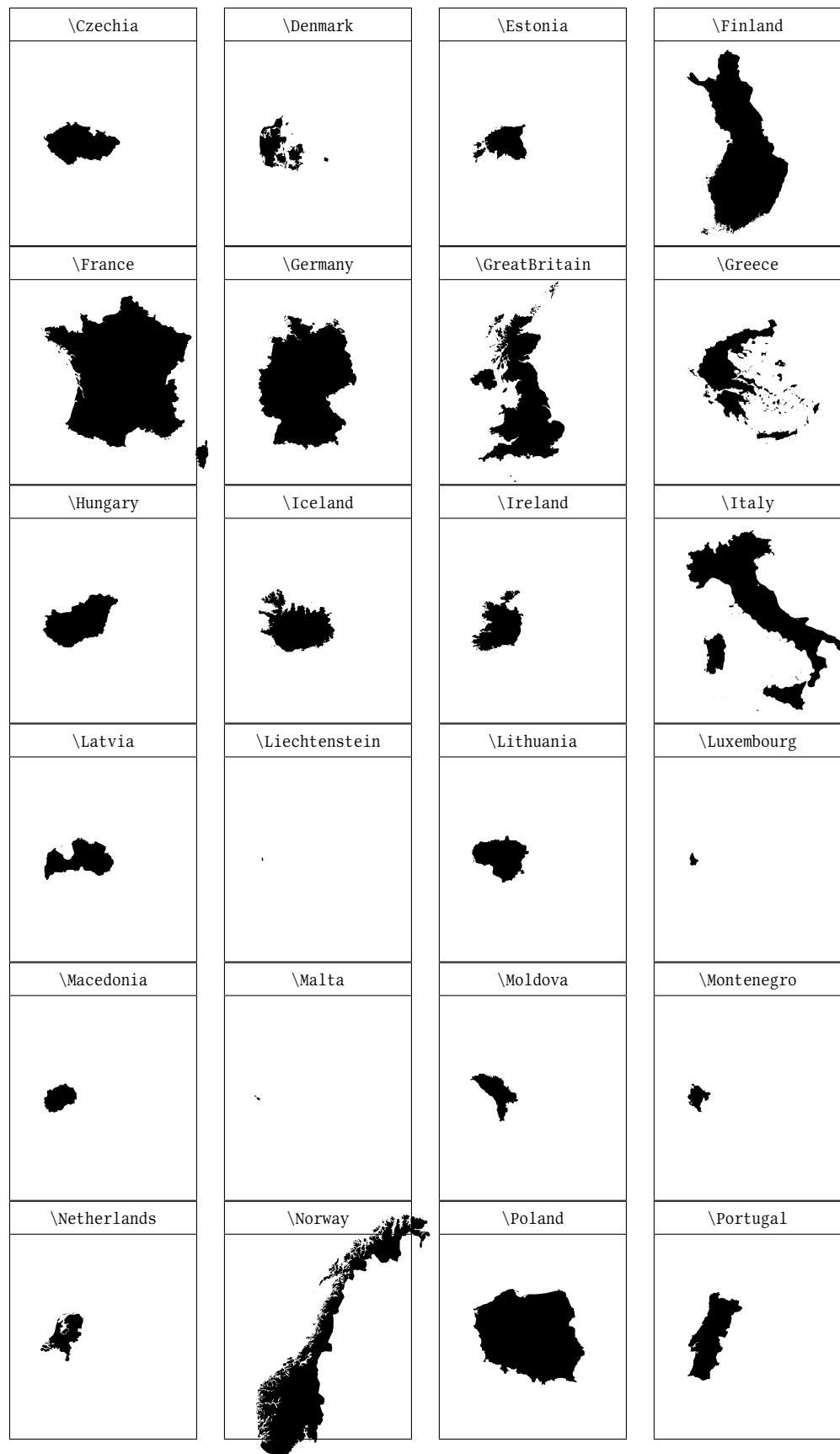
The font can be loaded with an optional argument for the scaling factor, which is preset to 1:

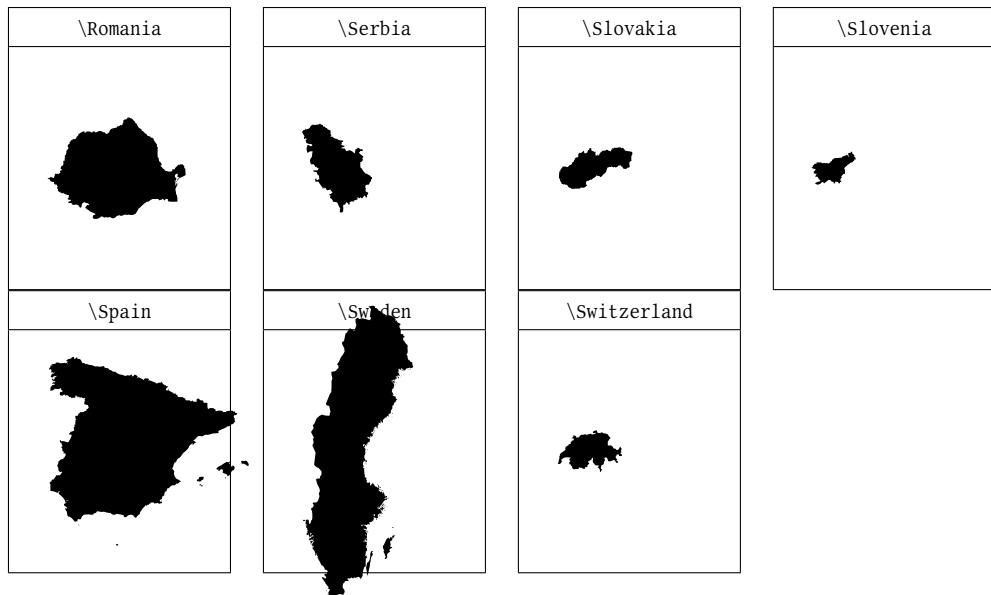
```
\usepackage[Scale=10]{countriesofeurope}% scaled to 10
```

## 2 Default use

The countris itself are available by a macro from the following list. The characters are at the position 128–166 in the Type 1 font `countriesofeurope.pfb` and also available with the `\char` primitive. The following table shows the countries in their original size with a scaling of 7.5:

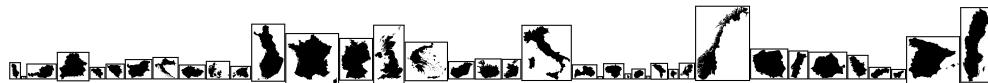
<code>\Albania</code>	<code>\Andorra</code>	<code>\Austria</code>	<code>\Belarus</code>
	.		
<code>\Belgium</code>	<code>\Bosnia</code>	<code>\Bulgaria</code>	<code>\Croatia</code>
			





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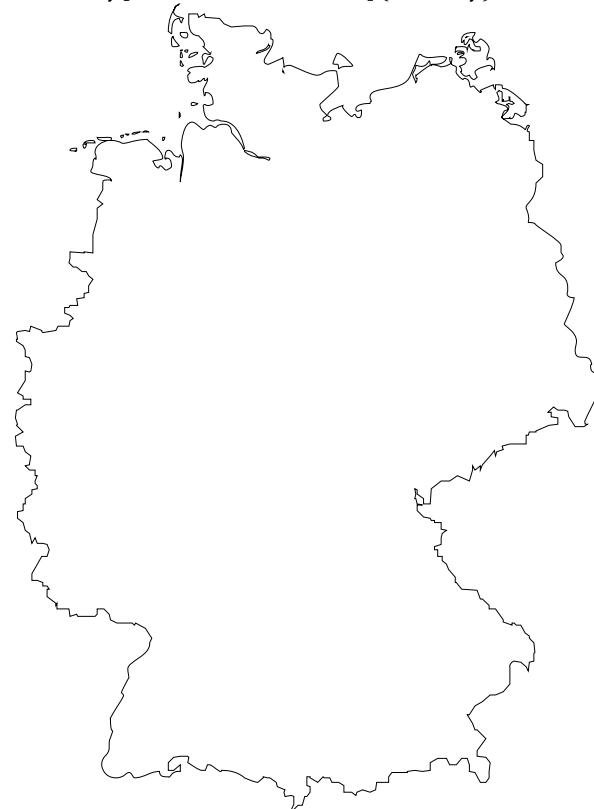
The countries in the original size with the given bounding box and the text command \huge:

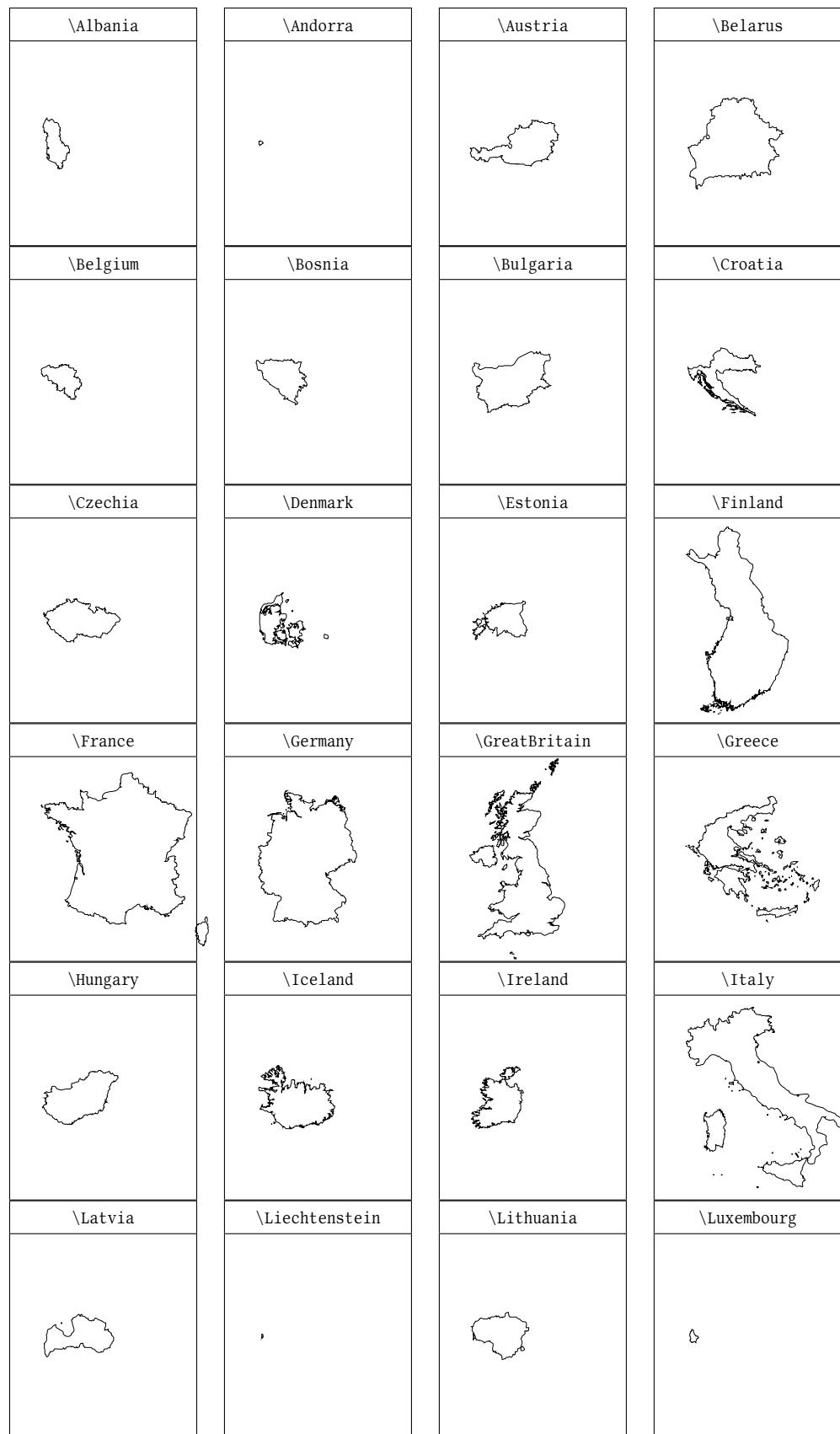


### 3 Outline font

All countries can be printed as outline, e. g.:

```
\EUCountry[Scale=37.5, outline]{Germany}
```



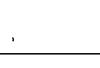




#### 4 Ligatures

The countries are internally defined as a ligature so that abbreviations of the countries can be used for printing.  
These Ligatures are enabled by default!

{\CoEF ge GE}	→		
Ligature	Output	Ligature	Output
AL		AN	.
AU		BELA	
BELG		BO	

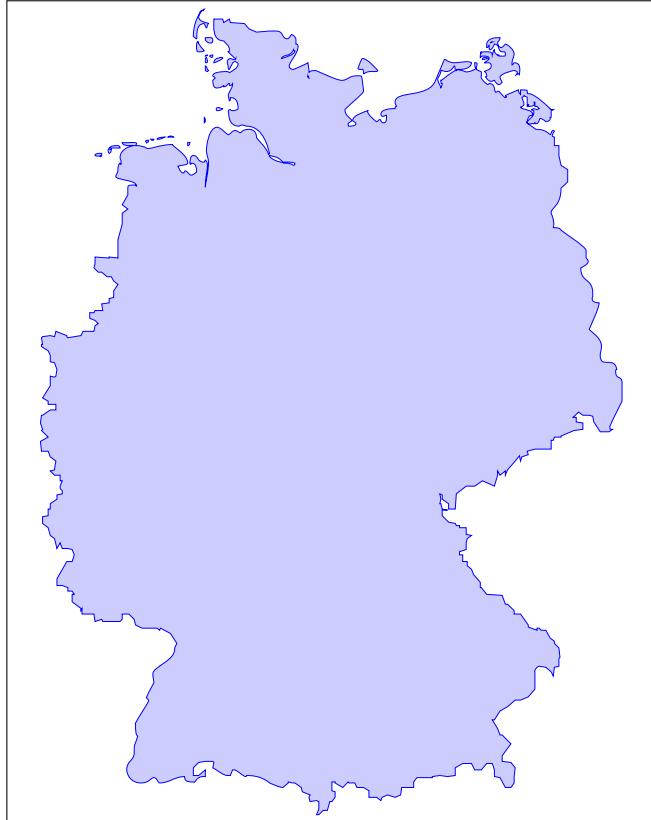
Ligature	Output	Ligature	Output
BU		CR	
CZ		DAN	
EST		FI	
FR		GE	
EN GREA BR		GRI	
HU		IC	
IR		IT	
LA		LIE	
LIT		LU	
MAC		MAL	
MOL		MON	
NE		NO	

<i>Ligature</i>	<i>Output</i>	<i>Ligature</i>	<i>Output</i>
POL		POR	
RO		SE	
SLOVA		SLOVE	
SP		SWE	
SWI		SV	

## 5 Color options

With the optional arguments `fillcolor` and `linecolor` the countries can printed with different colors. The option `fillcolor` is only valid, if the option `outline` is set, too.

```
\EUCountry[Scale=37.5, outline, fillcolor=blue!20, linecolor=blue]{Germany}
```



## References

- [1] Ingo Zimmermann. *Fonts and typography that leave a mark.* for corporate design, promotion, web, publishing. Buy fonts directly from the maker. At ingoFonts you'll find fonts of all styles, including free test versions of all fonts to download and try out. URL: <http://www.ingoFonts.de> (visited on 10/03/2019).
- [2] Ingo Zimmermann, Herbert Voß, and Rolf Niepraschk. *The Countriesofeurope package. A font with the images of the countries of Europe.* Version 0.23. Oct. 3, 2019. URL: <http://www.ctan.org/pkg/countriesofeurope>.

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