



Data Visualization and Visual Analytics

Inkscape

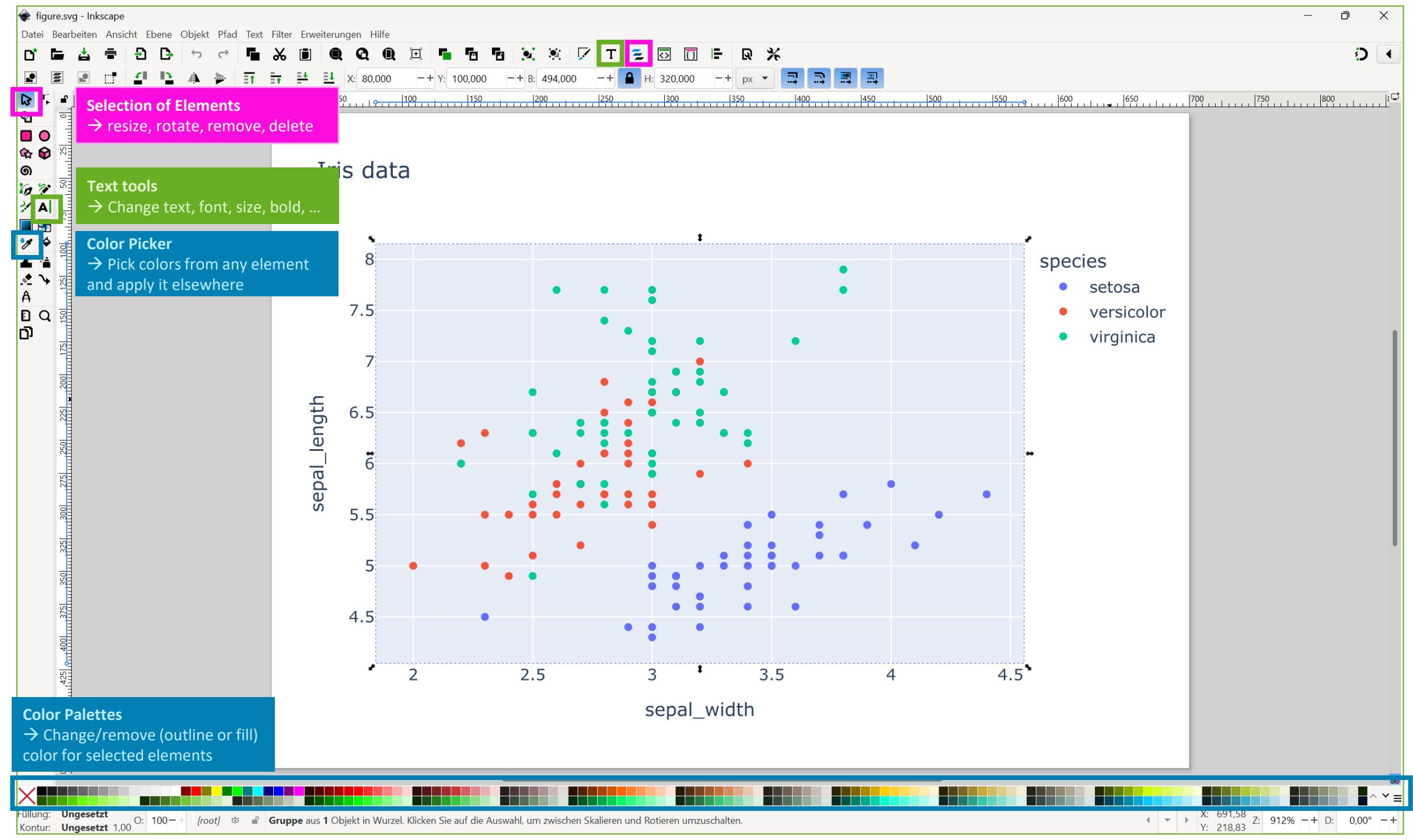
Study Program Data Science
Prof. Dr. Tillmann Schwörer

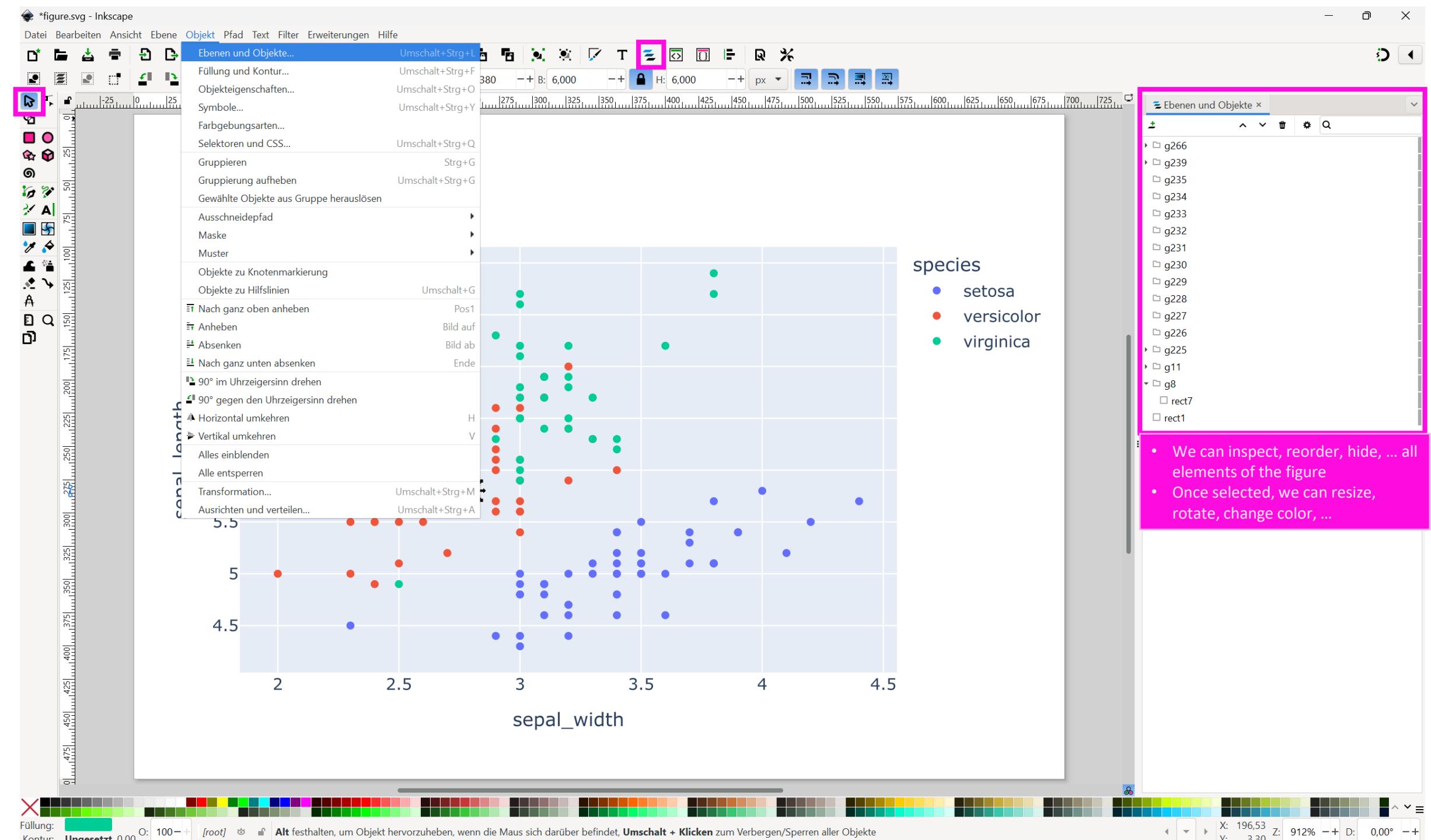
Manual finetuning of svg output

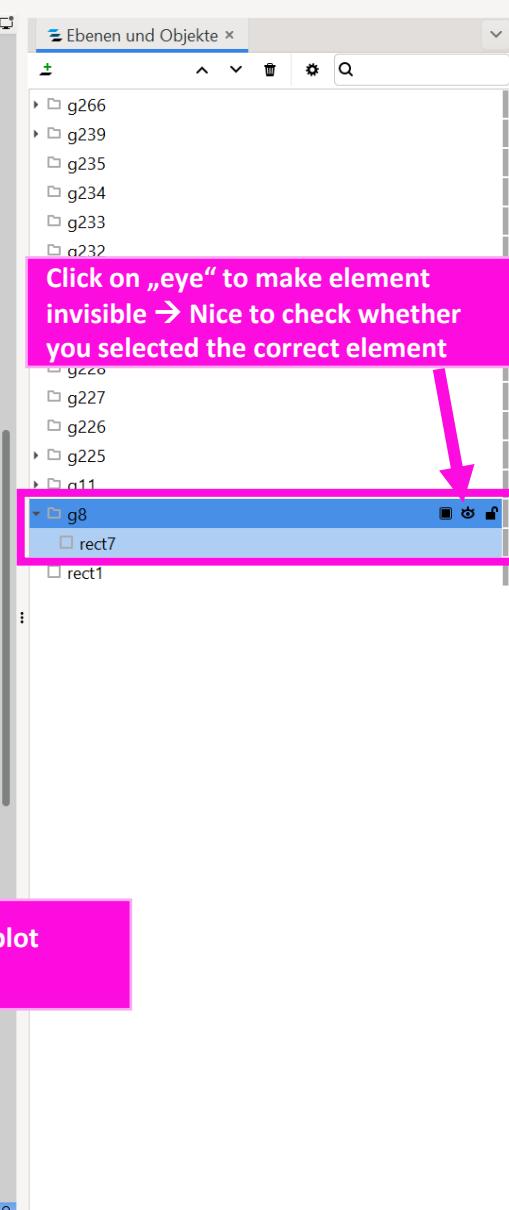
We can use the free and open-source software **Inkscape** to manually finetune Plotly or Matplotlib figures that are exported in a **vector graphics** format (svg, pdf) format

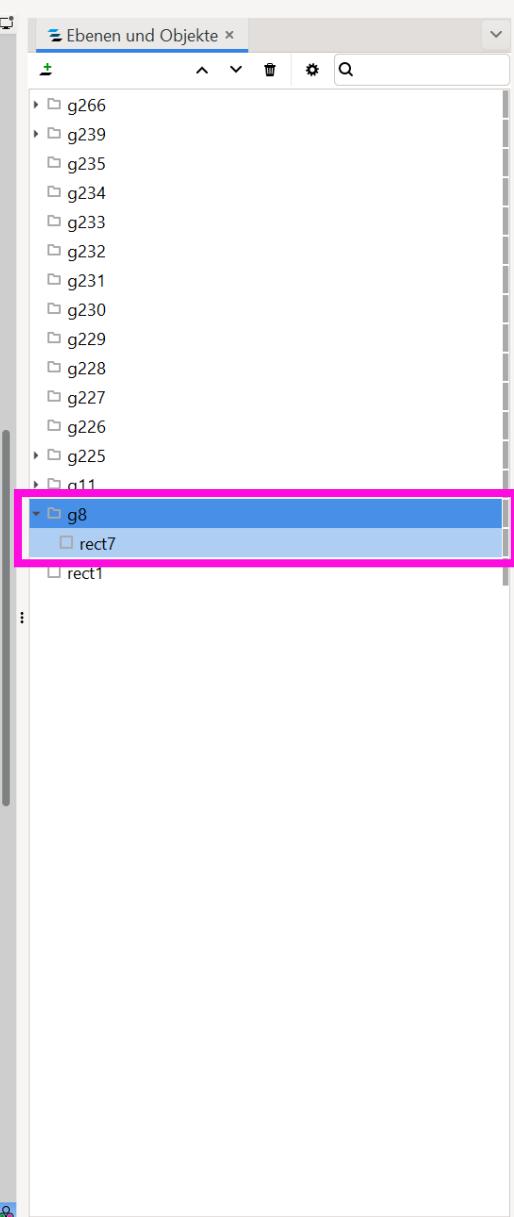
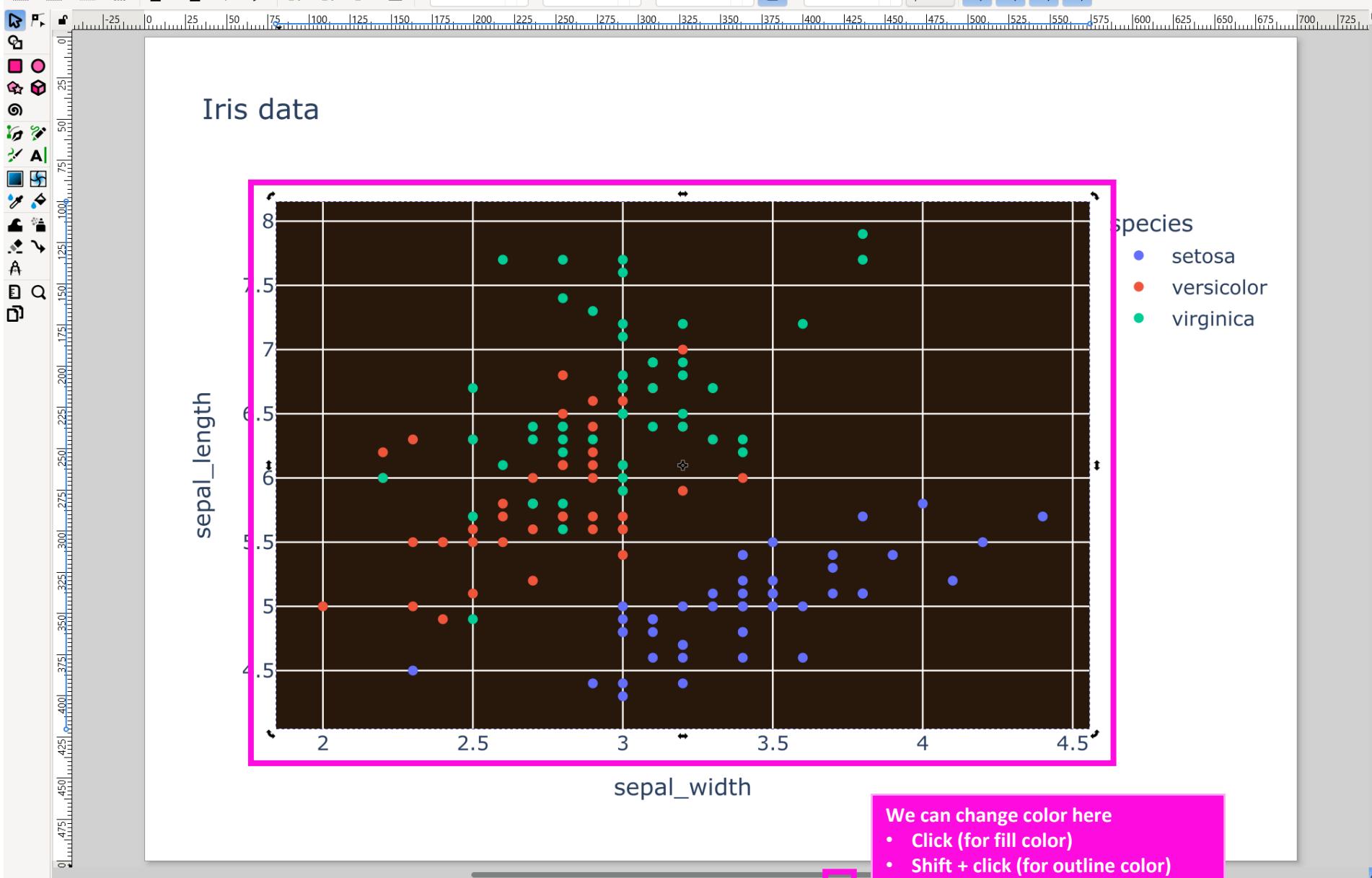
The software has a lot of features.

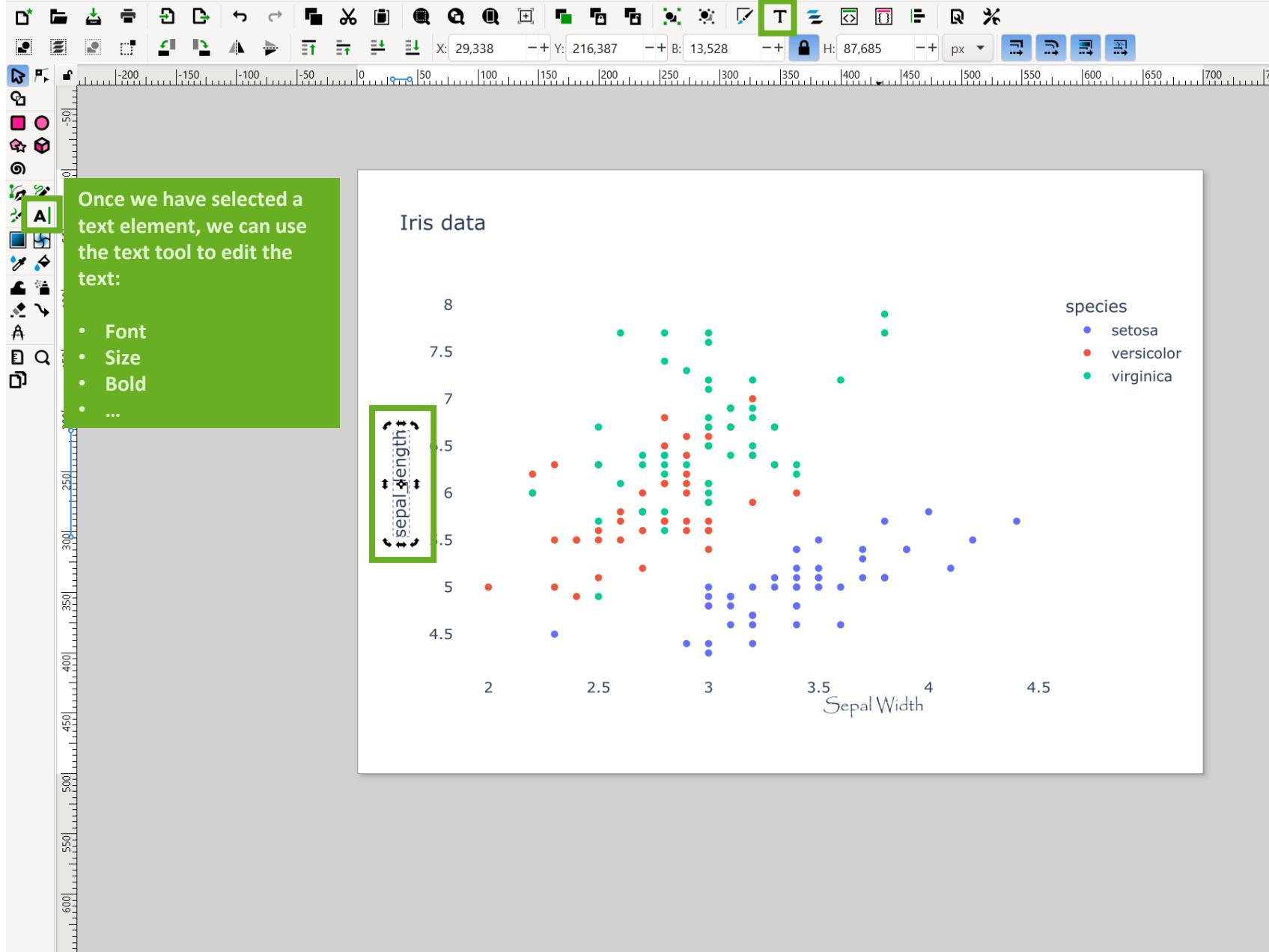
The most important ones are highlighted on the next slides.











Once we have selected a text element, we can use the text tool to edit the text:

- Font
- Size
- Bold
- ...

T Text und Schriftart x

Schrift Eigenschaften Text

Alle Schriftarten Schriftfamilie

Open Sans, verdana, arial, sans-serif AaBbCcIiPpQq12369\$€?;/:()

Arial AaBbCcIiPpQq12369\$€?;/:()

Bahnschrift AaBbCcIiPpQq12369\$€?;/:()

Book Antiqua AaBbCcIiPpQq12369\$€?;/:()

Bookman Old Style AaBbCcIiPpQq12369\$€?;/:()

Bookshelf Symbol 7 AaBbCcIiPpQq12369\$€?;/:()

Bradley Hand ITC AaBbCcIiPpQq12369\$€?;/:()

Calibri AaBbCcIiPpQq12369\$€?;/:()

Cambria AaBbCcIiPpQq12369\$€?;/:()

Cambria Math AaBbCcIiPpQq12369\$€?;/:()

Candara AaBbCcIiPpQq12369\$€?;/:()

Century AaBbCcIiPpQq12369\$€?;/:()

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Dubai AaBbCcIiPpQq12369\$€?;/:()

Ebrima AaBbCcIiPpQq12369\$€?;/:()

Franklin Gothic Medium AaBbCcIiPpQq12369\$€?;/:()

Freestyle Script AaBbCcIiPpQq12369\$€?;/:()

French Script MT AaBbCcIiPpQq12369\$€?;/:()

Gabriola AaBbCcIiPpQq12369\$€?;/:()

Gadugi AaBbCcIiPpQq12369\$€?;/:()

Garamond AaBbCcIiPpQq12369\$€?;/:()

Georgia AaBbCcIiPpQq12369\$€?;/:()

Haettenschweiler AaBbCcIiPpQq12369\$€?;/:()

Impact AaBbCcIiPpQq12369\$€?;/:()

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Javanese Text AaBbCcIiPpQq12369\$€?;/:()

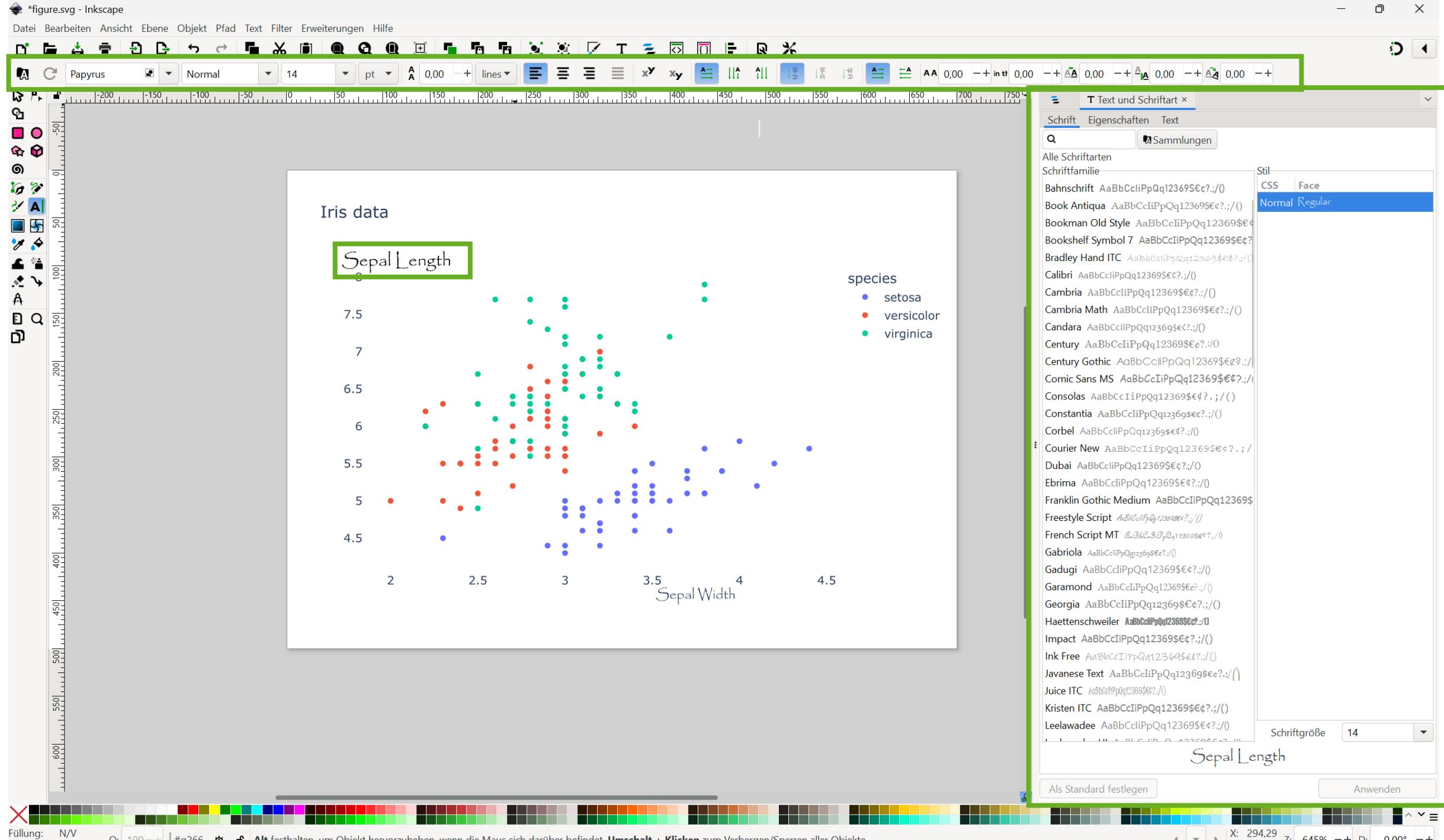
Juice ITC AaBbCcIiPpQq12369\$€?;/:()

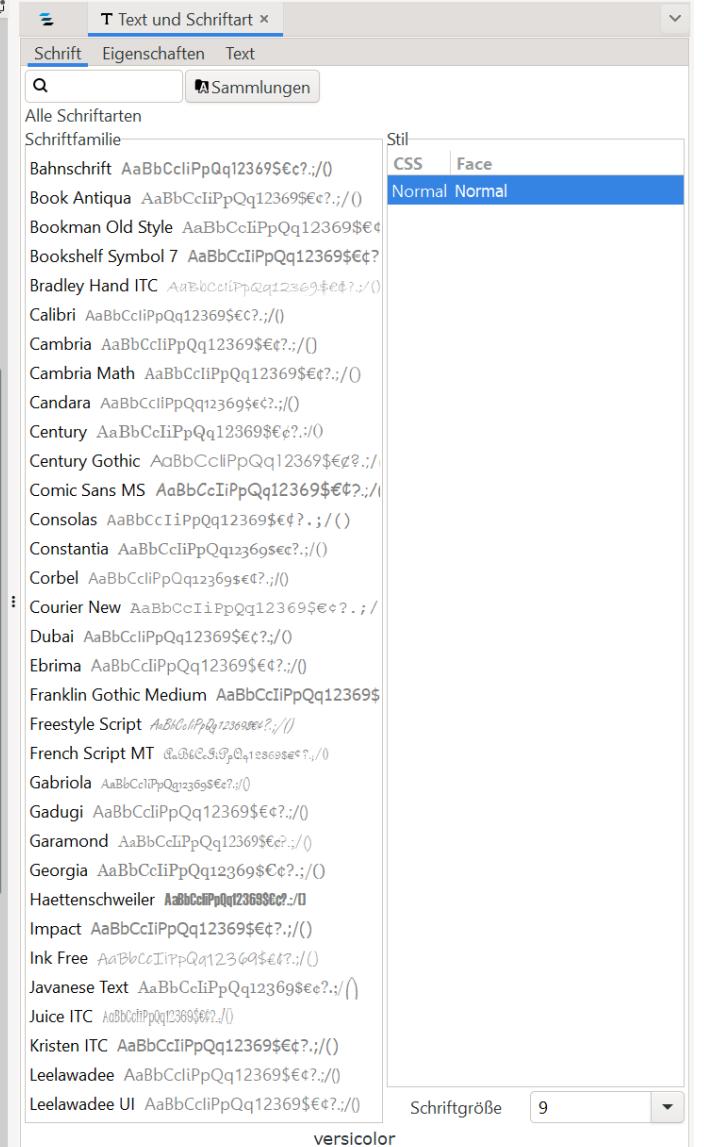
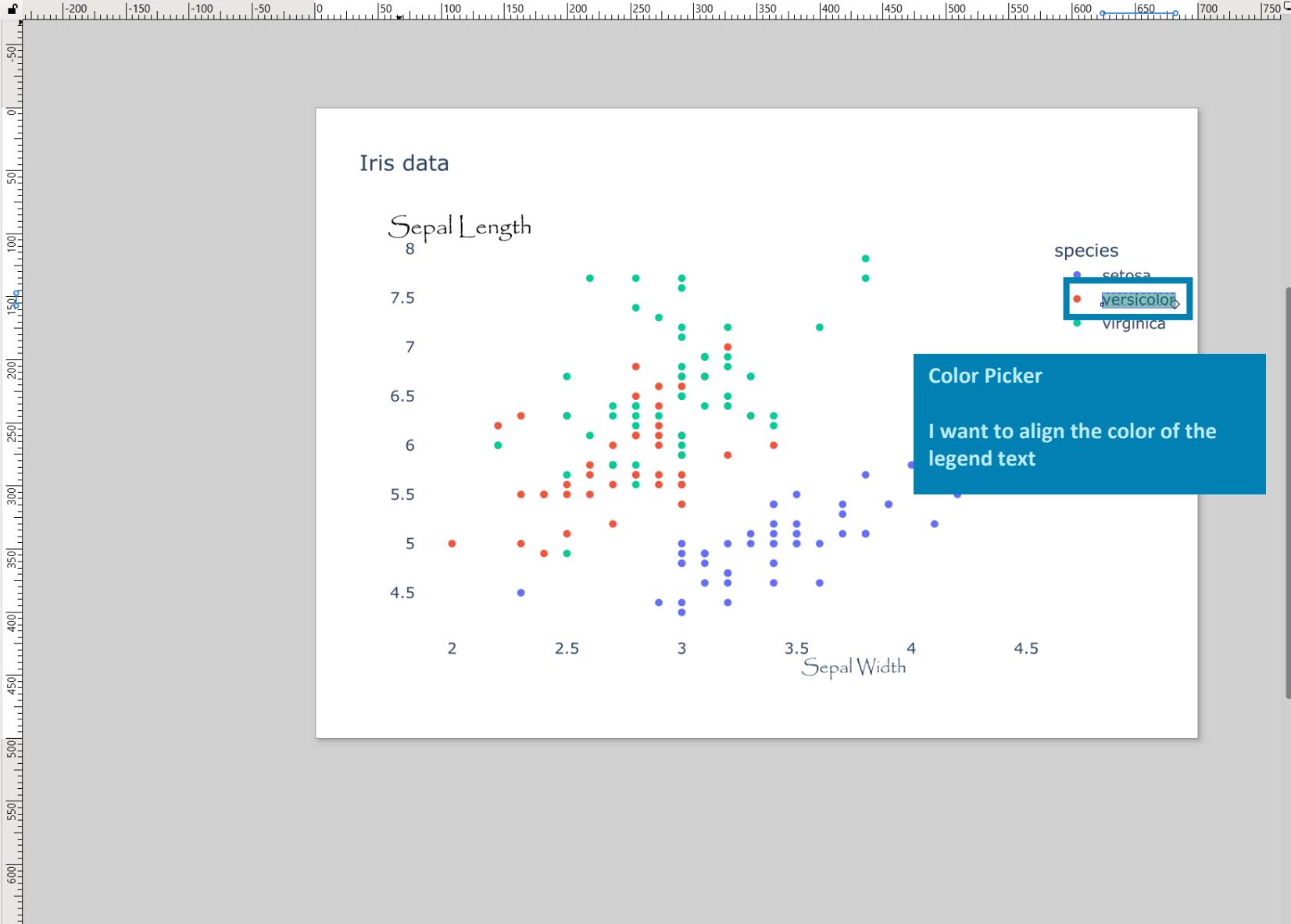
Kristen ITC AaBbCcIiPpQq12369\$€?;/:()

Schriftgröße 10.5

sepal_length

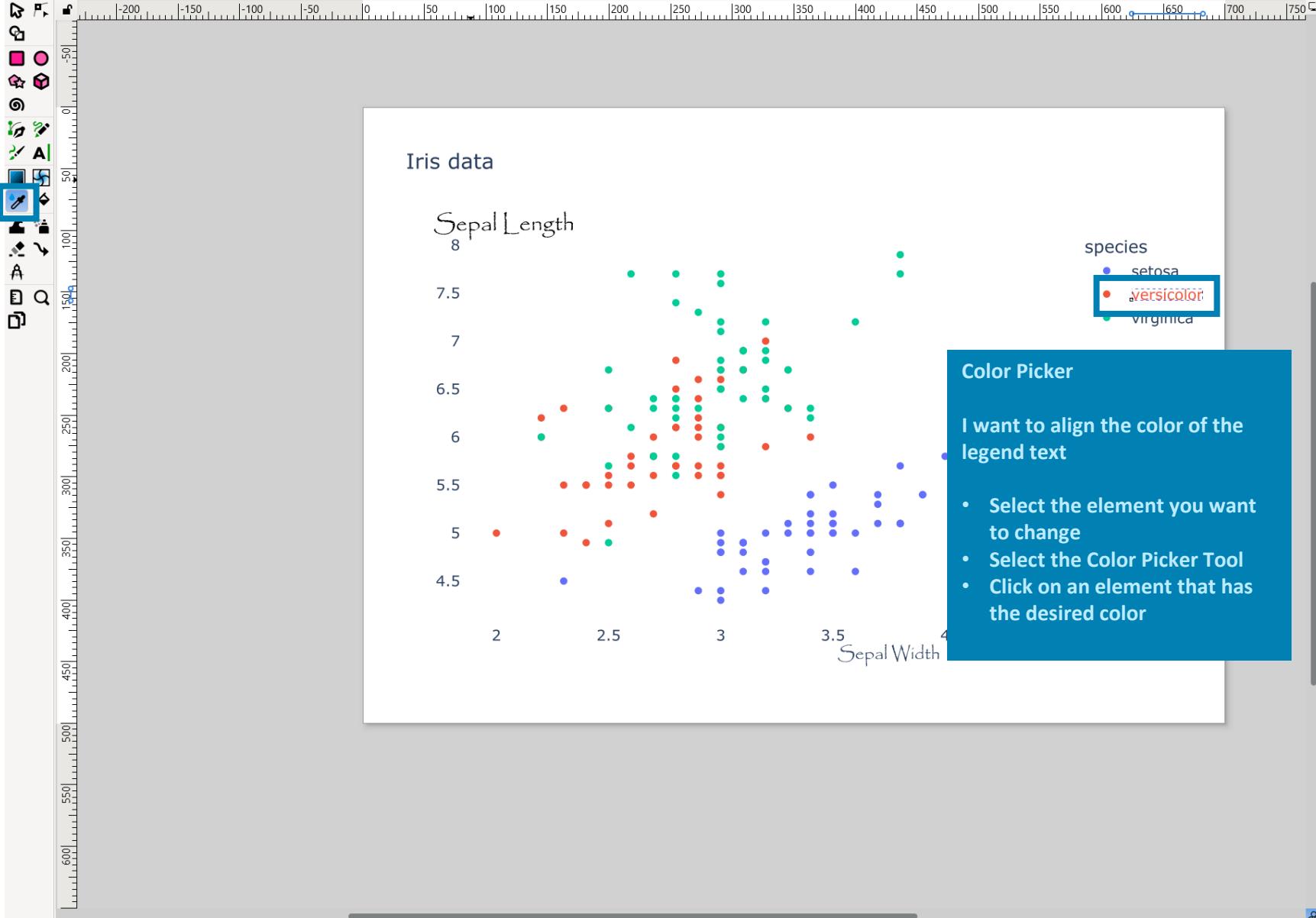
Als Standard festlegen Anwenden







Deckkraft Aufnehmen Zuweisen



species
setosa
versicolor
virginica

Color Picker

I want to align the color of the legend text

- Select the element you want to change
- Select the Color Picker Tool
- Click on an element that has the desired color

T Text und Schriftart x

Schrift Eigenschaften Text

Alle Schrifarten Schriftfamilie

Open Sans, verdana, arial, sans-serif AaBbCcIiPpQq12369\$€?;./()

Arial AaBbCcIiPpQq12369\$€?;./()

Bahnschrift AaBbCcIiPpQq12369\$€?;./()

Book Antiqua AaBbCcIiPpQq12369\$€?;./()

Bookman Old Style AaBbCcIiPpQq12369\$€?;./()

Bookshelf Symbol 7 AaBbCcIiPpQq12369\$€?;./()

Bradley Hand ITC AaBbCcIiPpQq12369\$€?;./()

Calibri AaBbCcIiPpQq12369\$€?;./()

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Courier New AaBbCcIiPpQq12369\$€?;./()

Dubai AaBbCcIiPpQq12369\$€?;./()

Ebrima AaBbCcIiPpQq12369\$€?;./()

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French Script MT AaBbCcIiPpQq12369\$€?;./()

Gabriola AaBbCcIiPpQq12369\$€?;./()

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Garamond AaBbCcIiPpQq12369\$€?;./()

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Haettenschweiler AaBbCcIiPpQq12369\$€?;./()

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Javanese Text AaBbCcIiPpQq12369\$€?;./()

Juice ITC AaBbCcIiPpQq12369\$€?;./()

Kristen ITC AaBbCcIiPpQq12369\$€?;./()

Schriftgröße 9

versicolor

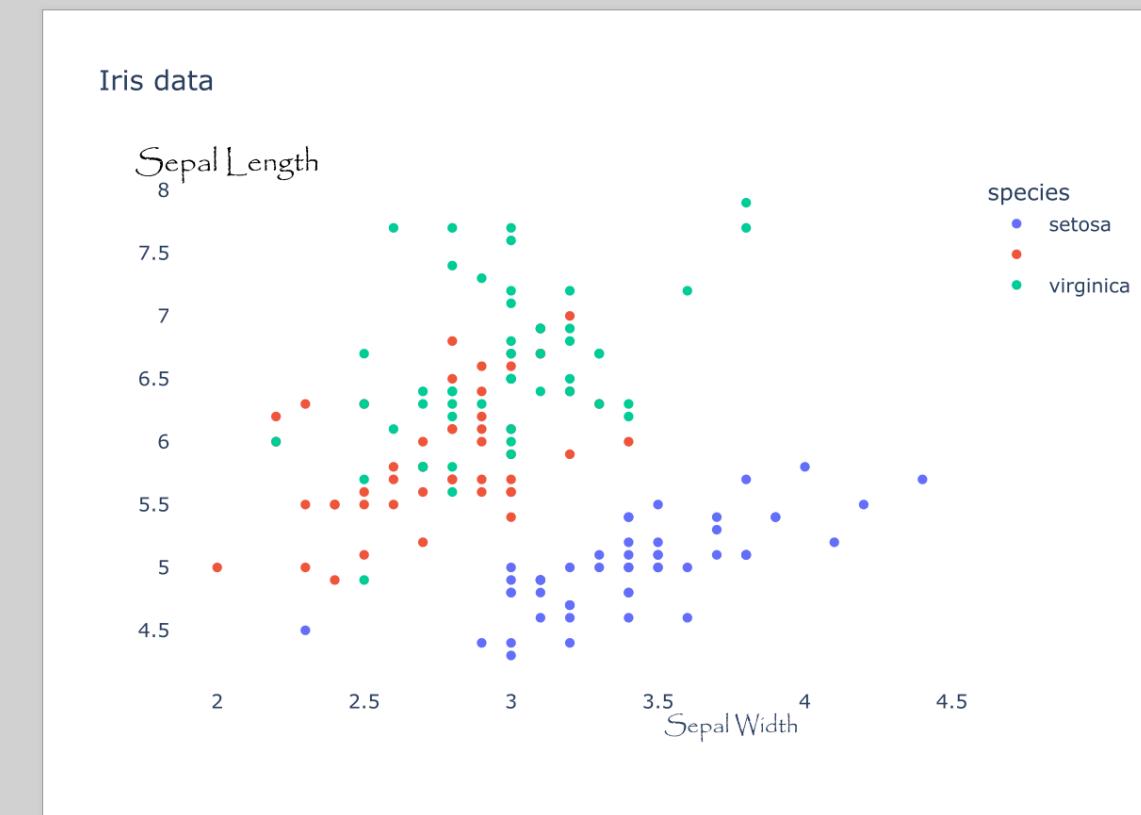
Als Standard festlegen Anwenden

Füllung: #ffffff Alpha 1 unter Mauszeiger. Klick setzt Füllfarbe, Umschalt+Klick für Linienfarbe; Ziehen für Durchschnittsfarbe im Gebiet; Alt für Kontrastfarbe; Strg+C kopiert Farbe unter Mauszeiger in Zwischenablage

Kontur: Ungezettet 1,00 O: 100-+ #g266

X: 87,59 Y: 58,97 Z: 645% - + D: 0,00° - +

- Neu Strg+N
- Neu aus Vorlage Strg+Alt+N
- Zuletzt geöffnete Dateien Strg+O
- Zurücksetzen
- Speichern
- Speichern unter... **Speichern unter...**
- Kopie speichern...
- Als Vorlage speichern...
- Importieren... Strg+I
- Bild aus dem Internet importieren...
- Exportieren... Umschalt+Strg+E
- Drucken... Strg+P
- Dokument säubern
- Dokumentüberblick
- Dokumenteneinstellungen... Umschalt+Strg+D
- Schließen Strg+W
- Beenden Strg+Q



- Ebenen und Objekte x
- path04
 - path63
 - path62
 - path61
 - path60
 - path59
 - path58
 - path57
 - path56
 - path55
 - path54
 - path53
 - path52
 - path51
 - path50
 - path49
 - path48
 - path47
 - path46
 - path45
 - path44
 - path43
 - path42
 - g42
 - g41
 - g40
 - g39
 - g38
 - g37
 - g36
 - path36
 - path35
 - g35
 - g32
 - g31
 - g17
 - g14
 - g11
 - rect1



Füllung: N/V

O:

100

+

#g266

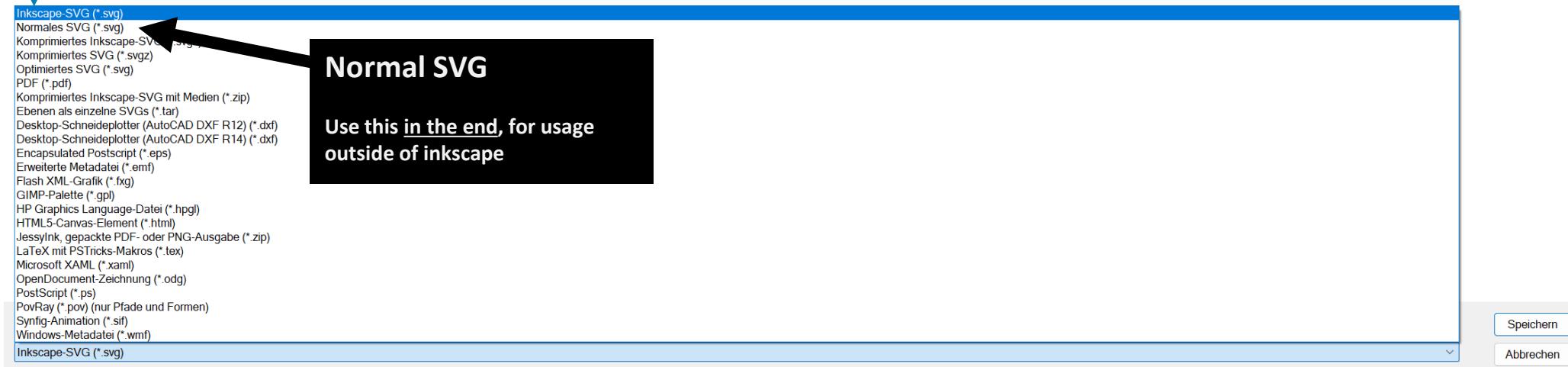


Keine Objekte ausgewählt. Umschalt+Klick, Alt+Mausrad über Objekten, oder Rahmen um Objekte ziehen zum Auswählen.

X: -245,24
Y: -57,22
Z: 645%
D: 0,00°

Inkscape SVG

Use this for full support of all
inkscape features for further edits



Much more possibilities to be explored...!