

Basic Vector Styling

QGIS Tutorials and Tips



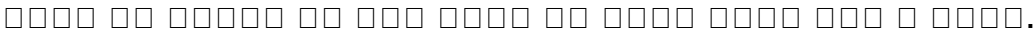
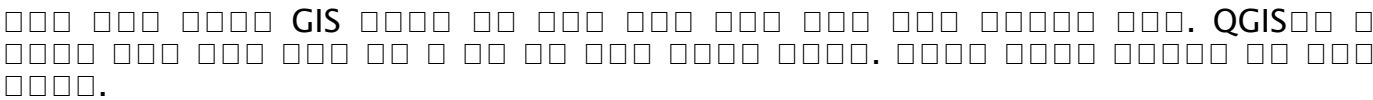
Author

Ujaval Gandhi

<http://google.com/+UjavalGandhi>

Translations by

SongHyun Choi



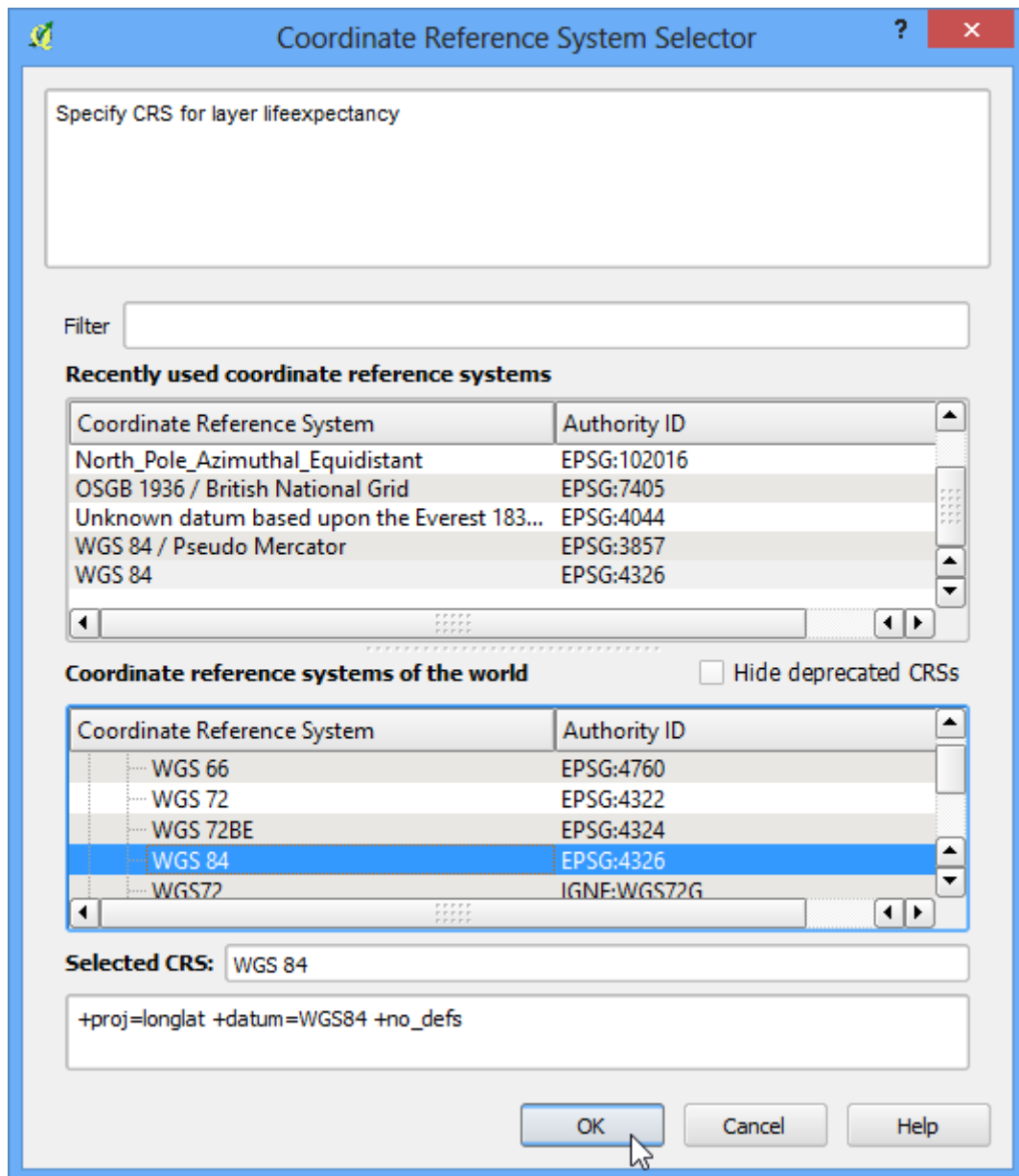
Life Expectancy GIS Grid data

lifeexpectancy.zip

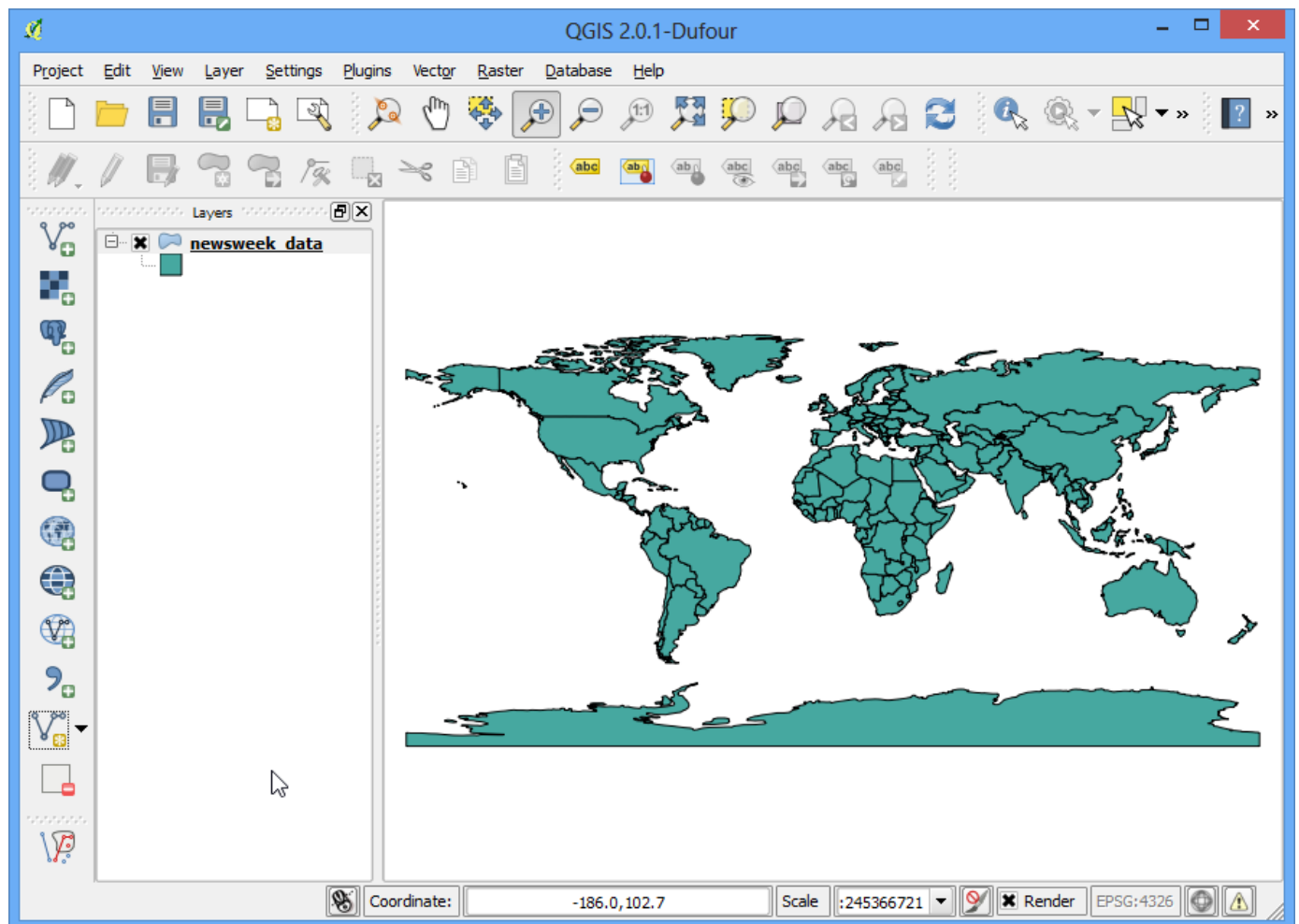
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- ```
2. lifeexpectancy.zip :guilabel: Open
newsweek_data.shp :guilabel: Open
(CRS, Coordinate Reference System) WGS84 EPSG:4326
```



3. zip 파일을 압축 해제합니다. 압축 해제된 파일을 확인합니다.



4. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ :guilabel: `Open Attribute Table` ☐ ☐ ☐ ☐ ☐.

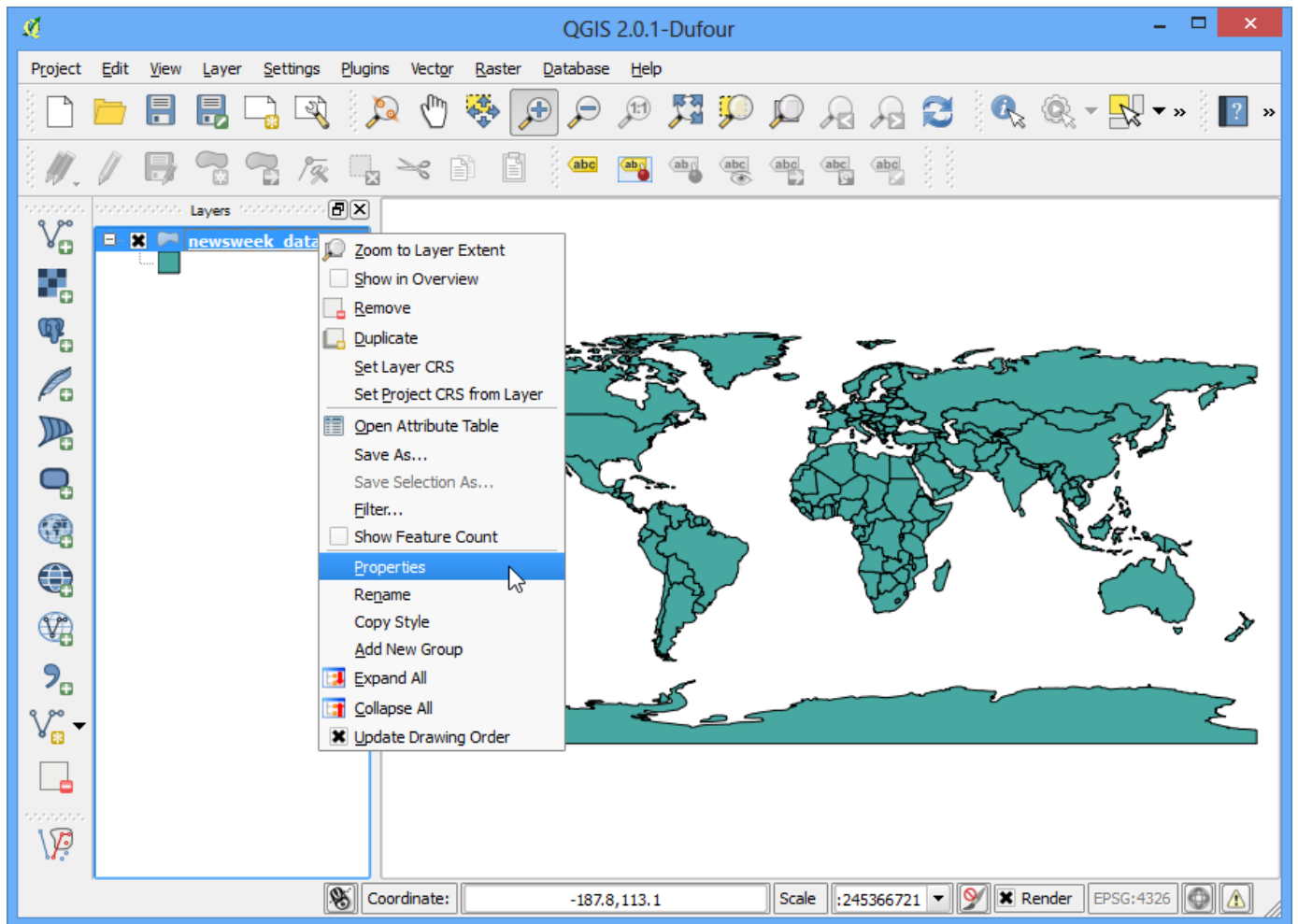


Attribute table - newswk\_data :: Features total: 165, filtered: 165, selected: 0

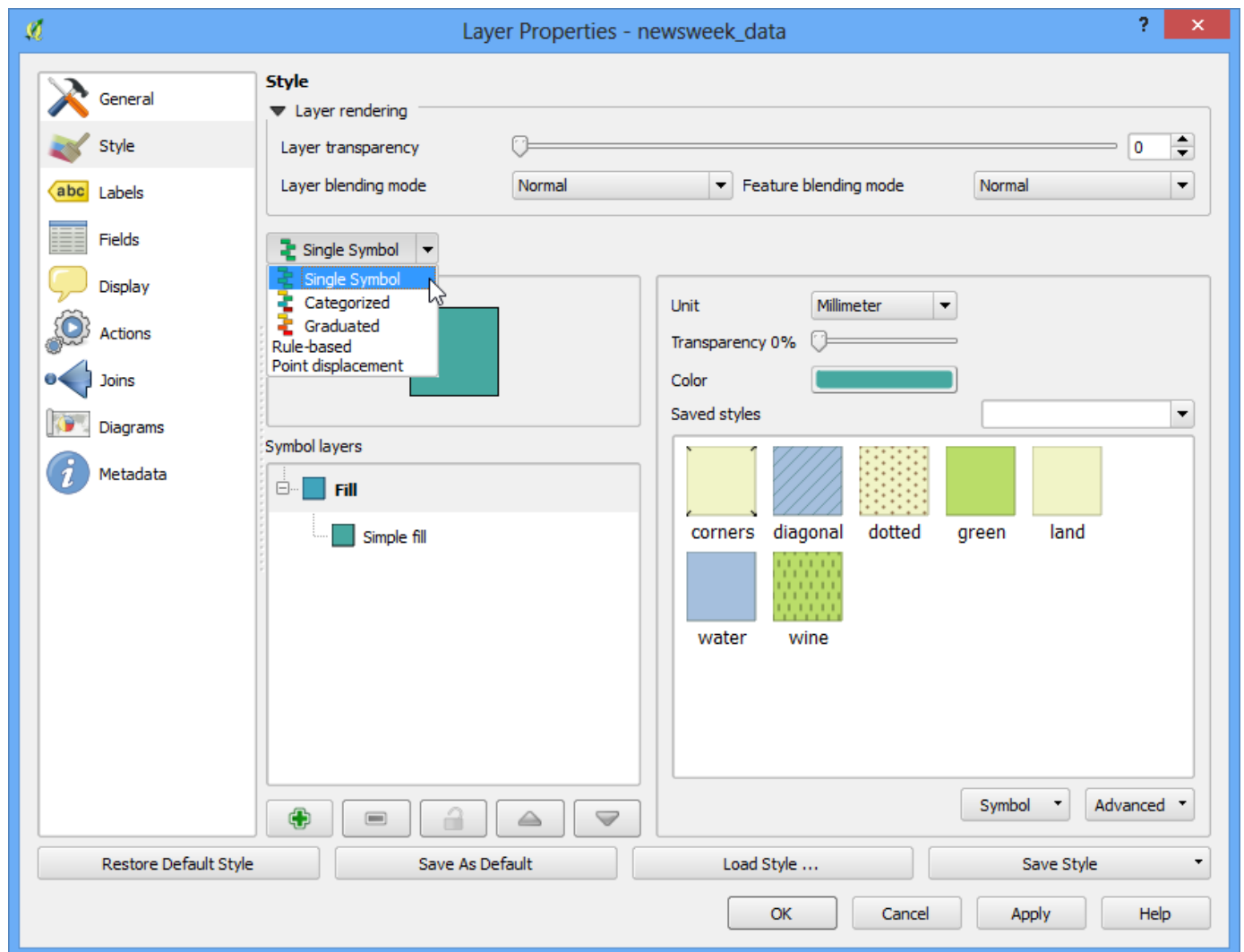
|    | GRWRATE     | URBPOP       | MIG_RATE     | POP_15       | POP65_      | LIFEXPCT     | CONTRCEP     |
|----|-------------|--------------|--------------|--------------|-------------|--------------|--------------|
| 0  | 2.620000000 | 47.000000000 | 0.000000000  | 45.200000000 | 3.800000000 | 47.000000000 | 7.000000000  |
| 1  | 2.660000000 | 33.000000000 | 0.000000000  | 44.900000000 | 3.100000000 | 42.000000000 | 4.000000000  |
| 2  | 1.900000000 | 53.000000000 | -0.400000000 | 33.200000000 | 5.100000000 | 76.000000000 | 58.000000000 |
| 3  | 0.940000000 | 35.000000000 | -9.900000000 | 32.300000000 | 4.000000000 | 65.000000000 | 31.000000000 |
| 4  | 3.320000000 | 46.000000000 | 2.200000000  | 46.000000000 | 3.700000000 | 55.000000000 | 6.000000000  |
| 5  | 3.170000000 | 44.000000000 | 0.500000000  | 48.100000000 | 2.800000000 | 52.000000000 | 1.000000000  |
| 6  | 3.360000000 | 32.000000000 | -0.100000000 | 48.000000000 | 2.500000000 | 50.000000000 | 8.000000000  |
| 7  | 3.400000000 | 5.000000000  | 0.700000000  | 49.800000000 | 2.300000000 | 46.000000000 | 10.000000000 |
| 8  | 2.880000000 | 8.000000000  | 0.000000000  | 46.300000000 | 2.900000000 | 48.000000000 | 9.000000000  |
| 9  | 3.720000000 | 29.000000000 | -0.200000000 | 47.100000000 | 2.900000000 | 46.000000000 | 1.000000000  |
| 10 | 2.840000000 | 49.000000000 | -0.100000000 | 48.500000000 | 2.200000000 | 49.000000000 | 1.000000000  |
| 11 | 3.310000000 | 15.000000000 | -7.700000000 | 49.200000000 | 2.600000000 | 45.000000000 | 7.000000000  |
| 12 | 2.370000000 | 51.000000000 | -0.100000000 | 39.700000000 | 3.900000000 | 59.000000000 | 30.000000000 |
| 13 | 2.830000000 | 27.000000000 | 32.000000000 | 44.900000000 | 3.300000000 | 47.000000000 | 4.000000000  |
| 14 | 2.970000000 | 25.000000000 | -0.300000000 | 44.600000000 | 2.800000000 | 60.000000000 | 43.000000000 |
| 15 | 3.180000000 | 33.000000000 | 0.000000000  | 45.000000000 | 3.400000000 | 58.000000000 | 26.000000000 |
| 16 | 1.550000000 | 84.000000000 | 0.000000000  | 30.500000000 | 6.400000000 | 72.000000000 | 43.000000000 |
| 17 | 2.920000000 | 25.000000000 | 0.000000000  | 44.900000000 | 3.300000000 | 68.000000000 | 33.000000000 |
| 18 | 2.690000000 | 46.000000000 | 0.000000000  | 39.600000000 | 3.600000000 | 67.000000000 | 48.000000000 |
| 19 | 2.370000000 | 60.000000000 | 0.200000000  | 37.500000000 | 4.000000000 | 62.000000000 | 48.000000000 |
| 20 | 2.680000000 | 30.000000000 | 0.000000000  | 42.500000000 | 3.100000000 | 57.000000000 | 20.000000000 |
| 21 | 2.470000000 | 9.000000000  | 0.000000000  | 40.700000000 | 3.900000000 | 56.000000000 | 5.000000000  |

Show All Features

6. `guiabel: Properties`

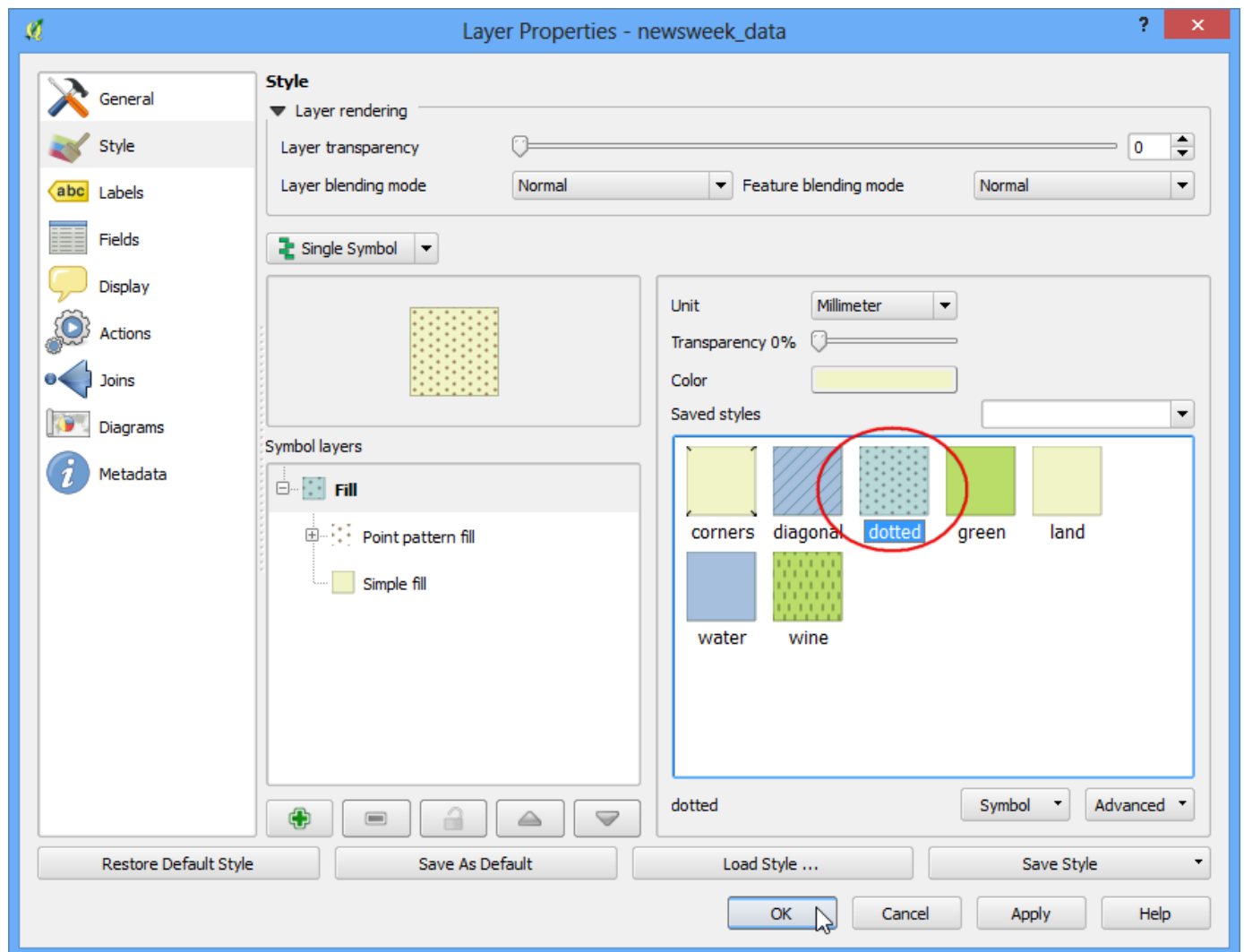


7. The QGIS Style Manager provides a variety of styles for vector layers. The styles are categorized into Single Symbol, Categorized, Graduated, Rule Based and Point displacement. The Single Symbol style is used for layers that contain a single symbol type. The Categorized style is used for layers that contain multiple symbol types. The Graduated style is used for layers that contain a single symbol type but with different colors or sizes. The Rule Based style is used for layers that contain multiple symbol types and colors. The Point displacement style is used for layers that contain point symbols and want to move them to a specific location.



8. Click on 'Single Symbol' in the 'Style' tab. The 'Single Symbol' option is selected in the dropdown menu. The 'Symbol layers' section shows a 'Fill' layer with a 'Simple fill' symbol. The 'Saved styles' section displays various predefined styles like 'corners', 'diagonal', 'dotted', 'green', 'land', 'water', and 'wine'. At the bottom are buttons for 'Restore Default Style', 'Save As Default', 'Load Style ...', 'Save Style', 'OK', 'Cancel', 'Apply', and 'Help'.

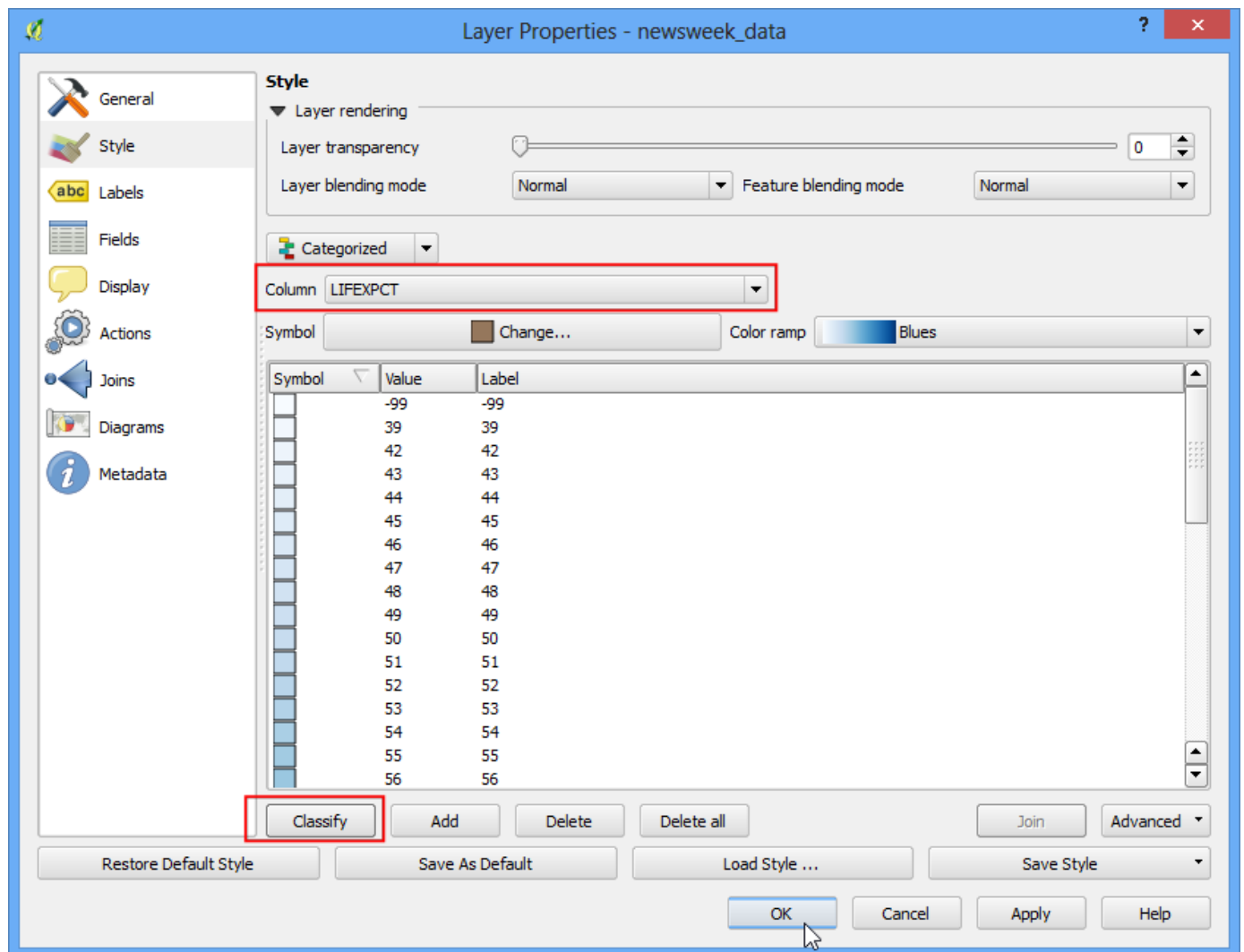




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## Note

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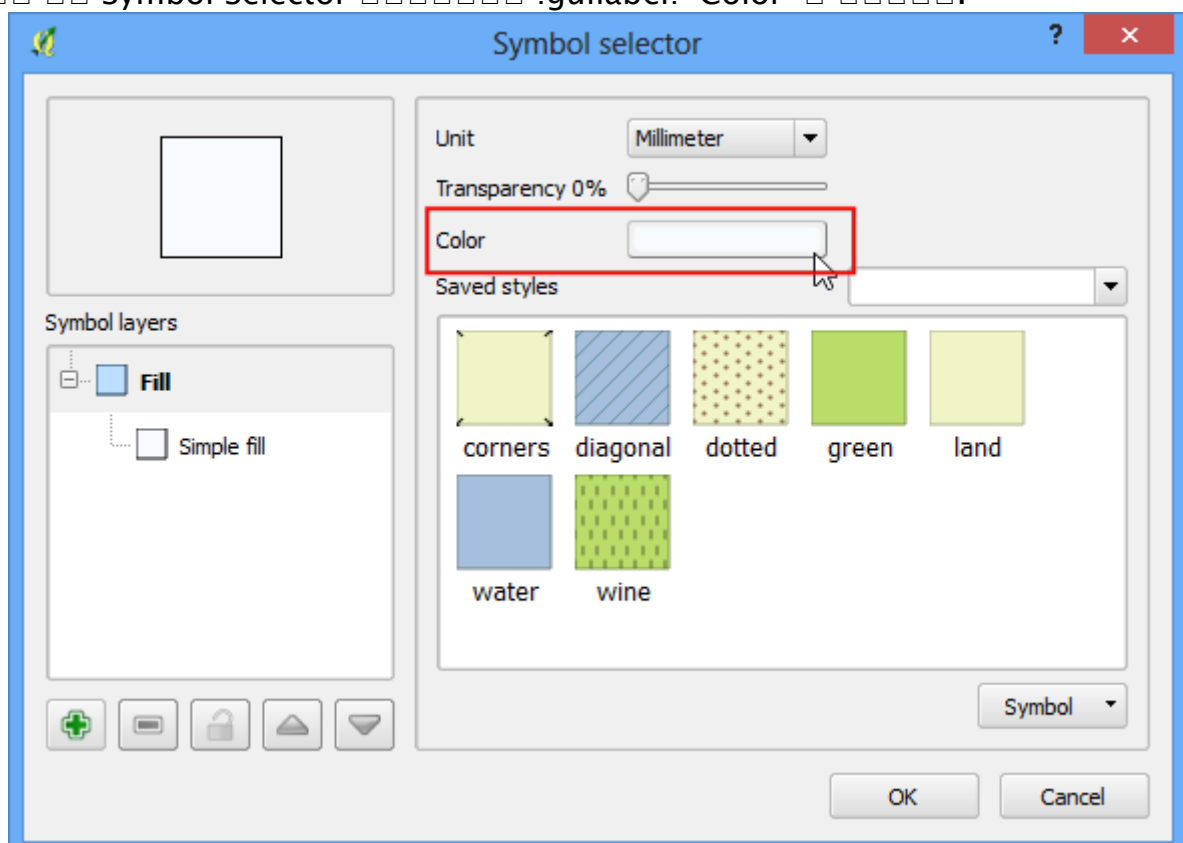


13. □ □□□□ □□□□ □□□□□ 3□□ □□□ □□□ □□□□□.





15. □□ □□ Symbol Selector □□□□□□ :guilabel: `Color` □ □□□□□.



16. □□ □□ Select Color □□□□□□ □□ □□□□□.



17. □□□ □□ Layer Properties □□ □□□□ □ □□ □□ □□ □□ Label □ □□□□□ □□□□□ □□ □□□□ □□□ □ □□□□. □□□□□ □□□ □□□ □□□ □□ □ Value □ □□□□ □ □ □□□□. □□ □□□ □□□□ :guilabel: `OK` □ □□□□□.





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