

If we visualize each feature map we see that each of them looks like the filtered image.

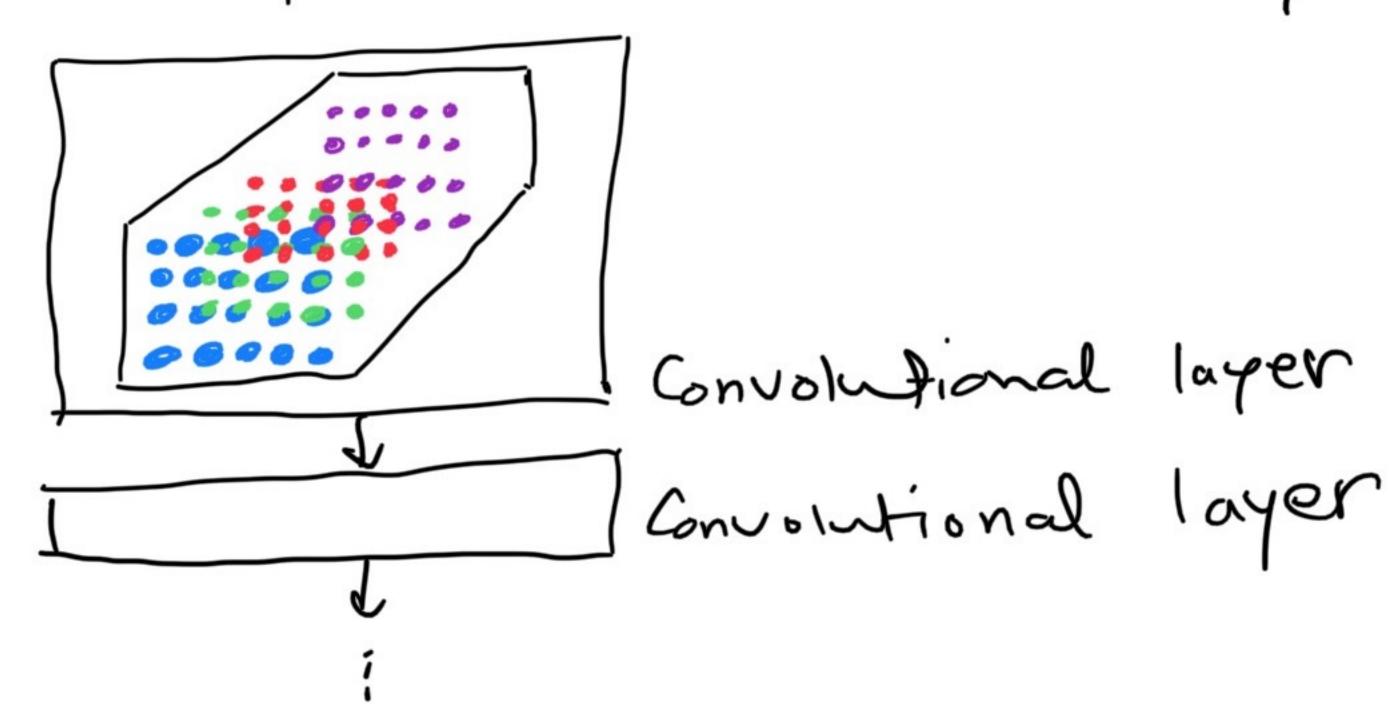
Color Mages:

Just like Gray Scale but 3D. width Height

Depth -> RGB channel.

So, the filter has to be 3D, too. I.e., three 2D filters.

Stacking filtered Images:
We can take the four filtered images above, stack them, and use them as input to anoth convolutional layer.



Similar to dense layer, we have weights, biases, and 1055 functions.