How darkvision works in our universe:

When in pitch darkness:

- You can only see rough black and white outlines of objects
- Your Passive perception decreases by 5
- Perception rolls that rely on sight have disadvantage or might even auto-fail (at GM's discretion)
- You cannot read, unless the text is really huge
- If the target is >=30ft away from you, you cannot see it clearly anymore. All attack rolls based on sight have disadvantage.
- If there is any light source within the range of your darkvision, your eyes adjust to that light source and you loose dark vision until light source is removed.