Visual modality is one of the most important senses for primates and also for many other an-imals. It allows them to perceive stimuli from their environment – important objects and places, and also conspecifics or individuals of other species. One of the crucial cognitive skills, especially for social animals, is the ability to distinguish between individuals and their emotions due to different facial features and expressions. Aim of this work is to summarize the current knowledge about face and emotion recognition. It includes neurological mechanisms, experimental methodologies and comparison between species.