

# Random numbers

Random numbers are a set of numbers that are/or appear completely unpredictable and don't seem to not follow any discernable pattern. A single random number can be a number that was chosen unpredictably from a uniformly distributed set.

Such numbers have a wide range of use in many different fields. Random numbers are important in statistical analysis, probability theory, and modern-day computer simulations and cryptography, of course gambling and video games make a wide use of random numbers as well.

## Random number generators (RNG)

There exist different ways of getting a random number, throwing a die or a coin, asking a