

Table 1: Difference between `lvalue` and `rvalue` references

Lvalue Reference	Rvalue Reference
A reference to an object that has a distinct memory address and can be modified.	A reference to a temporary object, which can be moved from.
Declared using the <code>&</code> operator, e.g., <code>int&</code> .	Declared using the <code>&&</code> operator, e.g., <code>int&&</code> .
Used for modifying an object's value and accessing its state.	Used for moving an object's value efficiently, often to transfer resources.