

Tipos de dados dos principais bancos de dados

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| Data Type | Name | MySQL | Postgre | SQL Server | Oracle | Firebird | Intervalo (MySQL) | Bytes |
|-------------|-----------|---------|------------------|------------------|-----------|-----------|---|-------|
| Numérico | BOOLEAN | TINYINT | SIM | TINYINT | ENUM | SMALLINT | 0 ou 1 (FALSE ou TRUE) | 1 bit |
| | TINYINT | SIM | SMALLINT | SIM | NUMBER | SMALLINT | -128 à 127 | 1 |
| | SMALLINT | SIM | SIM | SIM | NUMBER | SIM | -32,768 à 32,767 0 à 65,535 se UNSIGNED | 2 |
| | INT | SIM | SIM | SIM | NUMBER | SIM | -2,147,483,648 à 2,147,483,647 0 à 4,294,967,295 se UNSIGNED | 4 |
| | BIGINT | SIM | SIM | SIM | NUMBER | INT64 | -9,223,372,036,854,775,808 à +9,223,372,036,854,775,807 0 à 18,446,744,073,709,551,615 se UNSIGNED | 8 |
| | FLOAT | SIM | REAL | SIM | FLOAT | SIM | -3.402823466E+38 à -1.17544351E-38 1.175494351E-38 à 3.402823466E+38 se UNSIGNED | 4 |
| | DOUBLE | SIM | DOUBLE PRECISION | DOUBLE PRECISION | FLOAT | SIM | -1.7976931348623157E+308 à -2.2250738585072014E-308, 2.2250738585072014E-308 à 1.7976931348623157E+308 se UNSIGNED | 8 |
| | NUMERIC | SIM | SIM | DECIMAL | NUMBER | SIM | Mesmo intervalo de DOUBLE | X + 2 |
| String | CHAR | SIM | SIM | SIM | SIM | SIM | | X |
| | VARCHAR | SIM | SIM | SIM | SIM | SIM | | X + 1 |
| Data e Hora | DATE | SIM | SIM | SIM | SIM | TIMESTAMP | "1000-01-01" – "9999-12-31" (ano, mês, dia) | 3 |
| | TIME | SIM | SIM | SIM | TIMESTAMP | TIMESTAMP | "-838:59:59" – "838:59:59" (horas, minutos, segundos) | 3 |
| | DATETIME | SIM | TIMESTAMP | SIM | TIMESTAMP | TIMESTAMP | "1000-01-01 00:00:00" - "9999-12-31 23:59:59" | 8 |
| | TIMESTAMP | SIM | SIM | SIM | SIM | SIM | 19700101000000 – 2037+ | 4 |
| Outros | ENUM | SIM | SIM | NÃO TEM | SIM | NÃO TEM | | |