

DATA TYPE	SPEC	NOTE
CHAR	String (0-255)	
VARCHAR	String (0-65535)	
TINYTEXT	String (0-255)	
TEXT	String (0-65535)	
BLOB	String (0-65535)	
MEDIUMTEXT	String (0-16777215)	
MEDIUMBLOB	String (0-16777215)	
LONGTEXT	String (0-4294967295)	
LOBLOB	String (0-4294967295)	
TINYINT	Integer(-128 to 127)	
SMALLINT	Integer(-32768 to 32767)	
MEDIUMINT	Integer(-8388608 to 8388607)	
INT	Integer(-2147483648 to 2147483647)	
BIGINT	Integer(-9223372036854775808 to 9223372036854775807)	
FLOAT	Decimal(precise to 23 digits)	
DOUBLE	Decimal(24 to 53 digits)	
DECIMAL	"DOUBLE" stored as string	
DATE	YYYY-MM-DD	
DATETIME	Native datetime rep: YYYY-MM-DDHH:MM:SS	fraction up to 6 digits precision '1000-01-01 00:00:00.000000' to '9999-12-31 23:59:59.999999
TIME	HH:MM:SS	
TIMESTAMP	Native datetime rep: YYMMDDHHMMSS	fraction up to 6 digits precision '1970-01-01 00:00:01.000000' to '2038-01-19 03:14:07.999999' Value is changed to UTC when stored
Int (store Unix time)	No native date time representation FROM_UNIXTIME()	no fraction handling If unsigned, '1970-01-01 00:00:01'; theoretically up to '2106-2-07 06:28:15'
ENUM	One of preset options	
SET	Selectom of preset options	
BOOLEAN	TINYINT(1)	