

# SQL

## SQL alter/convert

- таблицу и поля в кодировки

```
ALTER TABLE `DATABASE`.`TABLE` CONVERT TO CHARACTER SET utf8 COLLATE utf8_unicode_ci;
```

- базу, таблицы, поля в кодировки

```
ALTER DATABASE `DATABASE` DEFAULT CHARSET=utf8 COLLATE utf8_bin;
```

<https://stackoverflow.com/questions/6115612/how-to-convert-an-entire-mysql-database-character-set-and-collation-to-utf-8#6115705>

Use the ALTER DATABASE and ALTER TABLE commands.

```
ALTER DATABASE databasename CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci;  
ALTER TABLE tablename CONVERT TO CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci;
```

Or if you're still on MySQL 5.5.2 or older which didn't support 4-byte UTF-8, use utf8 instead of utf8mb4:

```
ALTER DATABASE databasename CHARACTER SET utf8 COLLATE utf8_unicode_ci;  
ALTER TABLE tablename CONVERT TO CHARACTER SET utf8 COLLATE utf8_unicode_ci;
```

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