**表12.13日期和时间函数**

| **名称** | **描述** |
| --- | --- |
| [ADDDATE()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_adddate) | 将时间值（间隔）添加到日期值 |
| [ADDTIME()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_addtime) | 添加时间 |
| [CONVERT\_TZ()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_convert-tz) | 从一个时区转换到另一个时区 |
| [CURDATE()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_curdate) | 返回当前日期 |
| [CURRENT\_DATE()， CURRENT\_DATE](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_current-date) | 同义词CURDATE（） |
| [CURRENT\_TIME()， CURRENT\_TIME](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_current-time) | CURTIME（）的同义词 |
| [CURRENT\_TIMESTAMP()， CURRENT\_TIMESTAMP](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_current-timestamp) | NOW（）的同义词 |
| [CURTIME()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_curtime) | 返回当前时间 |
| [DATE()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_date) | 提取日期或日期时间表达式的日期部分 |
| [DATE\_ADD()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_date-add) | 将时间值（间隔）添加到日期值 |
| [DATE\_FORMAT()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_date-format) | 格式化指定的日期 |
| [DATE\_SUB()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_date-sub) | 从日期中减去一个时间值（间隔） |
| [DATEDIFF()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_datediff) | 减去两个日期 |
| [DAY()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_day) | DAYOFMONTH（）的同义词 |
| [DAYNAME()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_dayname) | 返回星期几的名字 |
| [DAYOFMONTH()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_dayofmonth) | 返回月份的一天（0-31） |
| [DAYOFWEEK()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_dayofweek) | 返回参数的周日指数 |
| [DAYOFYEAR()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_dayofyear) | 返回今年的一天（1-366） |
| [EXTRACT()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_extract) | 提取日期的一部分 |
| [FROM\_DAYS()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_from-days) | 将日期编号转换为日期 |
| [FROM\_UNIXTIME()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_from-unixtime) | 将Unix时间戳格式化为日期 |
| [GET\_FORMAT()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_get-format) | 返回日期格式字符串 |
| [HOUR()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_hour) | 提取小时 |
| [LAST\_DAY](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_last-day) | 返回参数的月份的最后一天 |
| [LOCALTIME()， LOCALTIME](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_localtime) | NOW（）的同义词 |
| [LOCALTIMESTAMP， LOCALTIMESTAMP()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_localtimestamp) | NOW（）的同义词 |
| [MAKEDATE()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_makedate) | 从年份和日期创建一个日期 |
| [MAKETIME()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_maketime) | 从小时，分钟，秒创建时间 |
| [MICROSECOND()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_microsecond) | 从参数中返回微秒 |
| [MINUTE()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_minute) | 从参数中返回一分钟 |
| [MONTH()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_month) | 从过去的日期中返回月份 |
| [MONTHNAME()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_monthname) | 返回月份的名称 |
| [NOW()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_now) | 返回当前日期和时间 |
| [PERIOD\_ADD()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_period-add) | 添加期间到一个年份 |
| [PERIOD\_DIFF()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_period-diff) | 返回期间之间的月数 |
| [QUARTER()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_quarter) | 从日期参数中返回季度 |
| [SEC\_TO\_TIME()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_sec-to-time) | 将秒转换为“HH：MM：SS”格式 |
| [SECOND()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_second) | 返回第二个（0-59） |
| [STR\_TO\_DATE()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_str-to-date) | 将字符串转换为日期 |
| [SUBDATE()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_subdate) | 用三个参数调用DATE\_SUB（）的同义词 |
| [SUBTIME()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_subtime) | 减去时间 |
| [SYSDATE()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_sysdate) | 返回函数执行的时间 |
| [TIME()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_time) | 提取传递的表达式的时间部分 |
| [TIME\_FORMAT()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_time-format) | 格式为时间 |
| [TIME\_TO\_SEC()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_time-to-sec) | 返回转换为秒的参数 |
| [TIMEDIFF()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_timediff) | 减去时间 |
| [TIMESTAMP()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_timestamp) | 使用单个参数，该函数返回日期或日期时间表达式; 有两个论点，即论据的总和 |
| [TIMESTAMPADD()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_timestampadd) | 将时间间隔添加到日期时间表达式中 |
| [TIMESTAMPDIFF()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_timestampdiff) | 从日期时间表达式中减去一个时间间隔 |
| [TO\_DAYS()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_to-days) | 返回转换为天的日期参数 |
| [TO\_SECONDS()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_to-seconds) | 返回自Year 0以来转换为秒数的日期或日期时间参数 |
| [UNIX\_TIMESTAMP()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_unix-timestamp) | 返回一个Unix时间戳 |
| [UTC\_DATE()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_utc-date) | 返回当前的UTC日期 |
| [UTC\_TIME()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_utc-time) | 返回当前UTC时间 |
| [UTC\_TIMESTAMP()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_utc-timestamp) | 返回当前的UTC日期和时间 |
| [WEEK()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_week) | 返回周数 |
| [WEEKDAY()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_weekday) | 返回周日指数 |
| [WEEKOFYEAR()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_weekofyear) | 返回日期的日历周（1-53） |
| [YEAR()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_year) | 归还年份 |
| [YEARWEEK()](https://dev.mysql.com/doc/refman/5.7/en/date-and-time-functions.html#function_yearweek) | 返回一年和一周 |