

```

+-----+
| 6CCD780CBABA102695645B8C656024DB |
+-----+
mysql> SELECT HEX(UUID_TO_BIN(@uuid, 0));
+-----+
| HEX(UUID_TO_BIN(@uuid, 0)) |
+-----+
| 6CCD780CBABA102695645B8C656024DB |
+-----+
mysql> SELECT HEX(UUID_TO_BIN(@uuid, 1));
+-----+
| HEX(UUID_TO_BIN(@uuid, 1)) |
+-----+
| 1026BABA6CCD780C95645B8C656024DB |
+-----+

```

To convert a binary UUID returned by `UUID_TO_BIN()` to a string UUID, use `BIN_TO_UUID()`. If you produce a binary UUID by calling `UUID_TO_BIN()` with a second argument of 1 to swap time parts, you should also pass a second argument of 1 to `BIN_TO_UUID()` to unswap the time parts when converting the binary UUID back to a string UUID:

```

mysql> SELECT BIN_TO_UUID(UUID_TO_BIN(@uuid));
+-----+
| BIN_TO_UUID(UUID_TO_BIN(@uuid)) |
+-----+
| 6ccd780c-baba-1026-9564-5b8c656024db |
+-----+
mysql> SELECT BIN_TO_UUID(UUID_TO_BIN(@uuid,0),0);
+-----+
| BIN_TO_UUID(UUID_TO_BIN(@uuid,0),0) |
+-----+
| 6ccd780c-baba-1026-9564-5b8c656024db |
+-----+
mysql> SELECT BIN_TO_UUID(UUID_TO_BIN(@uuid,1),1);
+-----+
| BIN_TO_UUID(UUID_TO_BIN(@uuid,1),1) |
+-----+
| 6ccd780c-baba-1026-9564-5b8c656024db |
+-----+

```

If the use of time-part swapping is not the same for the conversion in both directions, the original UUID is not recovered properly:

```

mysql> SELECT BIN_TO_UUID(UUID_TO_BIN(@uuid,0),1);
+-----+
| BIN_TO_UUID(UUID_TO_BIN(@uuid,0),1) |
+-----+
| baba1026-780c-6ccd-9564-5b8c656024db |
+-----+
mysql> SELECT BIN_TO_UUID(UUID_TO_BIN(@uuid,1),0);
+-----+
| BIN_TO_UUID(UUID_TO_BIN(@uuid,1),0) |
+-----+
| 1026baba-6ccd-780c-9564-5b8c656024db |
+-----+

```

If `UUID_TO_BIN()` is invoked from within the `mysql` client, binary strings display using hexadecimal notation, depending on the value of the `--binary-as-hex`. For more information about that option, see [Section 4.5.1, “mysql — The MySQL Command-Line Client”](#).