

| Hexadecimal      | Binary              | Hexadecimal      | Binary              | Hexadecimal      | Binary              | Hexadecimal      | Binary              |
|------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
| 0 <sub>hex</sub> | 0000 <sub>two</sub> | 4 <sub>hex</sub> | 0100 <sub>two</sub> | 8 <sub>hex</sub> | 1000 <sub>two</sub> | c <sub>hex</sub> | 1100 <sub>two</sub> |
| 1 <sub>hex</sub> | 0001 <sub>two</sub> | 5 <sub>hex</sub> | 0101 <sub>two</sub> | 9 <sub>hex</sub> | 1001 <sub>two</sub> | d <sub>hex</sub> | 1101 <sub>two</sub> |
| 2 <sub>hex</sub> | 0010 <sub>two</sub> | 6 <sub>hex</sub> | 0110 <sub>two</sub> | a <sub>hex</sub> | 1010 <sub>two</sub> | e <sub>hex</sub> | 1110 <sub>two</sub> |
| 3 <sub>hex</sub> | 0011 <sub>two</sub> | 7 <sub>hex</sub> | 0111 <sub>two</sub> | b <sub>hex</sub> | 1011 <sub>two</sub> | f <sub>hex</sub> | 1111 <sub>two</sub> |

**FIGURE 2.4 The hexadecimal-binary conversion table.** Just replace one hexadecimal digit by the corresponding four binary digits, and vice versa. If the length of the binary number is not a multiple of 4, go from right to left.