hex FFFC → decimal unsigned

$$= 15(16^3) + 15(16^2) + 15(16^1) + 12(16^0)$$
$$= 15(4,096) + 15(256) + 15(16) + 12$$
$$= 61,440 + 3840 + 240 + 12$$
$$= 65,532 \text{ decimal unsigned}$$

binary → signed decimal 1111 1111 1100 0010

(2's compliment)

     0000 0000 0011 1101
   +
                ... 0011 1110 = -62

binary → hex   1111 1111 1100 0010
               15   15   12   2
               | F   F   C   2 |

binary → octal   1111 0011 0100 0010

    1 111 001 101 000 010
    1   7   1   5   0   2   octal

binary → signed decimal 1111 0011 0100 0010

(2's compliment)

   + 0000 11 00 10 11 11 01

     0000 1100 1011 1110
        1, 3, 6, 12, 24+1 = 25, 50
     100+1 = 101, -202 +1 = 203,
   406 +1 = 407, 814+1 = 815,
   1630 +1 = 1631, 3262 = -3262