# [python字典遍历的几种方法](https://www.cnblogs.com/stuqx/p/7291948.html)

（1）遍历key值

[IMG_256](https://www.cnblogs.com/stuqx/p/javascript:void(0);)

>>> a

{'a': '1', 'b': '2', 'c': '3'}>>> for key in a:

print(key+':'+a[key])

a:1

b:2

c:3

>>> for key in a.keys():

print(key+':'+a[key])

a:1

b:2

c:3

[IMG_257](https://www.cnblogs.com/stuqx/p/javascript:void(0);)

在使用上，for key in a和 for key in a.keys():完全等价。

（2）遍历value值

>>> for value in a.values():

print(value)

 1

2

3

（3）遍历字典项

>>> for kv in a.items():

print(kv)

('a', '1')

('b', '2')

('c', '3')

（4）遍历字典健值

[IMG_258](https://www.cnblogs.com/stuqx/p/javascript:void(0);)

>>> for key,value in a.items():

print(key+':'+value)

a:1

b:2

c:3

>>> for (key,value) in a.items():

print(key+':'+value)

a:1

b:2

c:3

[IMG_259](https://www.cnblogs.com/stuqx/p/javascript:void(0);)

在使用上for key,value in a.items()与for (key,value) in a.items()完全等价