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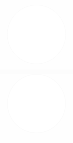
1 ClrNum = 1

2 LayerObj.color = ClrNum

3 *# ClrNum*为颜色索引号，其取值范围为*[0,256]*；

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**Python AutoCAD layers**



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[erp系统软件](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qugFsFRPAFRcdFRPDFRc1FRn3FRNDFRFjFRu7FhkdpvbqnzuVmLKV5HD1PWmdriuk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqPWTsmH6YmyD&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=2689739&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1773&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=3&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=2630122542205919933&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **15** [哈佛大学入学条](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRc4FRu7FRcLFRmsFRcYFRm1FRfkFRDLFRn3FRNaFRfkFRDLFRPjFRmdFRFjFRu7FhkdpvbqnHRhUyPsUHYdPWR4niuk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqnW0dn10Lnjb&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=2267647&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=793&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=15&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=7917143512654487132&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 4. [仓库管理系统](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRczFRfvFRFAFRRzFRc4FRwjFRnsFRNDFRPAFRcdFRPDFRc1FhkdpvbqPauVmLKV5H64nWckFMDqmLPbUhF9pywdgvPsTBuzmWYkFMF15HDhTvN_UANzgv-b5HDhTv-b5yDkuAm3PhN-nH0vPvf3PjThTLwGujY3FMfqIZKWUA-WpvNbndqCmzuYujY1nHm1nWTsFMwVT1YkPWnkrjT3n1f1FMwd5gR1nHm1nWTsFMRqpZwYTZn-nYD-nbm-nbuBUAqMFHF7mLPbUBRzwy4-Iauv5HchpHY3PvN-P1mkuf&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=1795869&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1322&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=4&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=2383116073775879323&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **16** [ERP系统软件](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qwNFfFRPAFRcdFRPDFRc1FRn3FRNDFRFjFRu7FhkdpvbqnHmhUyPsUHYknHDYPHmhTHdWTvw8mh7GuZNxmLKzFMFB5HDhTMnqniu1uyk_ugFxpyfqniu1pyfqmH7buW6vuyRknjmLuj6YPzu1IA-b5H6hIjdYTAP_pyPouyf1gv9WFMwb5HnkPWnzP10hIAd15HDvn1D3P161PjnhIZRqIHnkPWnzP10hIHdCIZwsTzR1fiRzwBRzwhF_UvT-nbNWTvw8FHF7UhNYFMmqnBuG5HuhmHD3PyPB&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=3736898&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1877&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=16&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=2621079745278827581&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 5. [ERP管理系统](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qwNFfFRc4FRwjFRnsFRNDFRPAFRcdFRPDFRc1FhkdpvbqPiuVmLKV5HDsPWDzPzuk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqnH0knHRsmWD&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=2928372&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1677&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=5&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=2102757470000989790&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **17** [ps教程怎么抠](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qTZn-fbf-fYn-fWn-fYn-wjf-wWR-f1n-fWf-fbm-wjb-fYf-fbnhUZNopHYkPzuVmLKV5HDdP1TLFMDqmLPbUhF9pywdgvPsTBuzmWYkFMF15HDhTvN_UANzgv-b5HDhTv-b5yDkuAm3PhN-nH0vPvf3PjThTLwGujY3FMfqIZKWUA-WpvNbndqCmzuYujY1nHm1nWTsFMwVT1YkPWnkrjT3n1f1FMwd5gR1nHm1nWTsFMRqpZwYTZn-nYD-nbm-nbuBUAqMFHF7mLPbUBRzwy4-Iauv5HchpHYvrj--mHb4u6&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=3286582&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=46&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=17&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=6568644770131111914&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 6. [程序员外包网站](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRc1FRPjFRfsFRmzFRfYFRckFRPDFRRzFRcsFRujFRPDFRm3FRfdFRF7FhkdpvbqPBuVmLKV5HRYrjDsFMDqmLPbUhF9pywdgvPsTBuzmWYkFMF15HDhTvN_UANzgv-b5HDhTv-b5yDkuAm3PhN-nH0vPvf3PjThTLwGujY3FMfqIZKWUA-WpvNbndqCmzuYujY1nHm1nWTsFMwVT1YkPWnkrjT3n1f1FMwd5gR1nHm1nWTsFMRqpZwYTZn-nYD-nbm-nbuBUAqMFHF7mLPbUBRzwy4-Iauv5HchpHYsnHNhuWDsnf&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=2325218&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1655&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=6&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=6728413789323799737&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **18** [程序员外包](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRc1FRPjFRfsFRmzFRfYFRckFRPDFRRzFRcsFRujFhkdpvbqnH6hUyPsUHY1PjRdPiuk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqrHuWnjbLuyc&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=2118978&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1711&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=18&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=819493750673232323&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 7. [自己建网站](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRfLFRfYFRFjFRFKFRFDFRD3FRPDFRm3FRfdFRF7FhkdpvbqPzuVmLKV5HRsn1DsFMDqmLPbUhF9pywdgvPsTBuzmWYkFMF15HDhTvN_UANzgv-b5HDhTv-b5yDkuAm3PhN-nH0vPvf3PjThTLwGujY3FMfqIZKWUA-WpvNbndqCmzuYujY1nHm1nWTsFMwVT1YkPWnkrjT3n1f1FMwd5gR1nHm1nWTsFMRqpZwYTZn-nYD-nbm-nbuBUAqMFHF7mLPbUBRzwy4-Iauv5HchpHYdnhPbPjP-nf&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=3115400&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=626&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=7&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=856073789955248857&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **19** [大数据分析](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRcYFRm1FRPKFRuDFRF7FRwDFRcLFRfvFRP7FRmvFhkdpvbqnHbhUyPsUHY1rj64nzuk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqmhRvuhfvnjb&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=468333&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=589&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=19&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=781141290276431548&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 8. [ps入门基础教](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qTZn-f16-wRc-f1n-f1R-fbc-wWb-fWf-fHD-fbf-fYn-wjD-fHThUZNopHY3FhdWTAYqPjc1P1ThTHdWTvw8mh7GuZNxmLKzFMFB5HDhTMnqniu1uyk_ugFxpyfqniu1pyfqmH7buW6vuyRknjmLuj6YPzu1IA-b5H6hIjdYTAP_pyPouyf1gv9WFMwb5HnkPWnzP10hIAd15HDvn1D3P161PjnhIZRqIHnkPWnzP10hIHdCIZwsTzR1fiRzwBRzwhF_UvT-nbNWTvw8FHF7UhNYFMmqnBuG5yw-PHbzrHFh&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=19770165&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=184&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=8&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=6097940749522668114&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **20** [如何搭建网校](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRn3FRRLFRFKFRP7FRcYFRN7FRFDFRD3FRPDFRm3FRfsFRD1FhkdpvbqnW0hUyPsUHYLn1bkPauk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqPj9WmH0smym&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=1605233&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1901&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=20&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=2233594917242472107&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 9. 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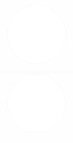
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|  | **热门文章** | 6 | |  | | | | | |
| **Four, line type setting**   1. acad.ActiveDocument.Linetypes.Load("ACAD\_ISO08W100","acadiso.lin") 2. *#* 加载线型，*"ACAD\_ISO05W100"*为线型名称，详细信息见*CAD*帮助文档； 3. *# "acadiso.lin"*为用于公制单位的线型定义文件，详细信息见*CAD*帮助文档； 4. *#* 为图层指定线型前，需先加载相关线型； 5. *#* 注意：不能重复加载，否则报错*——'*记录名重复*'*； 6. *#* 可利用*try...except...finally...*机制，处理此类报错。   7   1. LayerObj.Linetype = "ACAD\_ISO08W100" 2. *#* 设置图层线型； 3. *#* 指定线型前，若不想以*Load*方式加载线型，也可在*CAD*程序中点击线型*>*其他*>*加载，加载全部所用线型； 4. *#* 若既没采用*Load*方式也没有在*CAD*程序中手动加载线型，则程序会报错*——'*未找到主键*'*。   **Five, line width setting**  1 LayerObj.Lineweight = 13  2 *# 13*表示线宽为*0.01mm*的*13*倍，即*0.13mm*；  3 *#* 线宽值∈*{0,5,9,13,15,18,20,25,30,35,40,50,53,60,70,80,90,100,106,120,140,158,200,211}*；   1. *#* 线宽值在上述集合中选取，含义为*0.01mm*的整数倍；其他数值非系统默认； 2. *#* 可以修改现有线宽，但不能添加或删除线宽，修改在*CAD*程序中进行。   **Six, batch creation**   1. clrnums = [1, 2, 3] 登录后复制 2. *#* 图层颜色列表 3. layernames = ["HIT\_图层\_1", "HIT\_图层\_2", "HIT\_图层\_3"] 4. *#* 图层名称列表   5   1. try: 2. len(clrnums) == len(layernames) 3. except: 4. print("图层颜色号个数与图层个数不匹配")   10   1. layerobjs = [acad.ActiveDocument.Layers.Add(i) for i in layernames] 2. *#* 批量创建图层   13   1. for j in range(len(layerobjs)): 2. layerobjs[j].color = clrnums[j] 3. *#* 批量指定图层颜色   **Seven, layer reading**   * 1. layersnums = acad.ActiveDocument.Layers.count   2. *#* 当前文件模型空间中所包含的图层总数   3. layernames = [acad.ActiveDocument.Layers.Item(i).Name for i in range(layernums)]   4. *#* 当前文件模型空间中所包含的所有图层名称   5. index = layernames.index("HIT\_图层\_3")   6. *#* 获取指定图层索引号   7. acad.ActiveDocument.ActiveLayer = acad.ActiveDocument.Layers.Item(index)   8. *#* 将指定图层设定当前   **Eight, the end**    The above are some basic codes about AutoCAD layers . Due to limited space, some non-key functions have not been introduced in detail. If you have any questions, please email us.    The realization of some functions of this article cannot be separated from the great help of the vast number of bloggers. Some functions seem simple, but it is not easy to realize them for the first time.    In view of the relatively small number of relevant sample codes, this article features a summary of the phased learning for oneself on the one hand, and on the other hand, it provides a little more reference for those in need.    If you have implemented some functions not mentioned in this article, please also attach the code in the comment area to provide more help for follow-up learners.    The Tibetan writing is full of thoughts, and there are poems and books in the belly. I hope you can wander happily in the pāo of knowledge.    Because I am learning Python wildly and my level is really limited, it is inevitable that there are some omissions in the article. Please feel free to criticize and correct me.    Finally, I wish you all the siege lions, cherish life and protect the hairline!    This article was first published on 2018-12-13 18:20:21, as part of the blog [Python secondary development AutoCAD introduction](https://blog.csdn.net/Hulunbuir/article/details/83715279) .  report    For clarity and intuitiveness, this article was created separately at 2019-07-20 14:16:23.    Part of the content of this article originates from the Internet! | | | | | | | Your browser is currently zoomed, and the page may be misaligned. It is recommended to display at 100% size. |
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[erp系统软件](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qugFsFRPAFRcdFRPDFRc1FRn3FRNDFRFjFRu7FhkdpvbqnzuVmLKV5HD1PWmdriuk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqPWTsmH6YmyD&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=2689739&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1773&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=3&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=2630122542205919933&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **15** [哈佛大学入学条](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRc4FRu7FRcLFRmsFRcYFRm1FRfkFRDLFRn3FRNaFRfkFRDLFRPjFRmdFRFjFRu7FhkdpvbqnHRhUyPsUHYdPWR4niuk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqnW0dn10Lnjb&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=2267647&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=793&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=15&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=7917143512654487132&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 4. [仓库管理系统](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRczFRfvFRFAFRRzFRc4FRwjFRnsFRNDFRPAFRcdFRPDFRc1FhkdpvbqPauVmLKV5H64nWckFMDqmLPbUhF9pywdgvPsTBuzmWYkFMF15HDhTvN_UANzgv-b5HDhTv-b5yDkuAm3PhN-nH0vPvf3PjThTLwGujY3FMfqIZKWUA-WpvNbndqCmzuYujY1nHm1nWTsFMwVT1YkPWnkrjT3n1f1FMwd5gR1nHm1nWTsFMRqpZwYTZn-nYD-nbm-nbuBUAqMFHF7mLPbUBRzwy4-Iauv5HchpHY3PvN-P1mkuf&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=1795869&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1322&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=4&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=2383116073775879323&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **16** [ERP系统软件](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qwNFfFRPAFRcdFRPDFRc1FRn3FRNDFRFjFRu7FhkdpvbqnHmhUyPsUHYknHDYPHmhTHdWTvw8mh7GuZNxmLKzFMFB5HDhTMnqniu1uyk_ugFxpyfqniu1pyfqmH7buW6vuyRknjmLuj6YPzu1IA-b5H6hIjdYTAP_pyPouyf1gv9WFMwb5HnkPWnzP10hIAd15HDvn1D3P161PjnhIZRqIHnkPWnzP10hIHdCIZwsTzR1fiRzwBRzwhF_UvT-nbNWTvw8FHF7UhNYFMmqnBuG5HuhmHD3PyPB&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=3736898&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1877&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=16&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=2621079745278827581&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 5. [ERP管理系统](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qwNFfFRc4FRwjFRnsFRNDFRPAFRcdFRPDFRc1FhkdpvbqPiuVmLKV5HDsPWDzPzuk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqnH0knHRsmWD&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=2928372&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1677&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=5&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=2102757470000989790&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **17** [ps教程怎么抠](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qTZn-fbf-fYn-fWn-fYn-wjf-wWR-f1n-fWf-fbm-wjb-fYf-fbnhUZNopHYkPzuVmLKV5HDdP1TLFMDqmLPbUhF9pywdgvPsTBuzmWYkFMF15HDhTvN_UANzgv-b5HDhTv-b5yDkuAm3PhN-nH0vPvf3PjThTLwGujY3FMfqIZKWUA-WpvNbndqCmzuYujY1nHm1nWTsFMwVT1YkPWnkrjT3n1f1FMwd5gR1nHm1nWTsFMRqpZwYTZn-nYD-nbm-nbuBUAqMFHF7mLPbUBRzwy4-Iauv5HchpHYvrj--mHb4u6&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=3286582&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=46&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=17&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=6568644770131111914&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 6. [程序员外包网站](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRc1FRPjFRfsFRmzFRfYFRckFRPDFRRzFRcsFRujFRPDFRm3FRfdFRF7FhkdpvbqPBuVmLKV5HRYrjDsFMDqmLPbUhF9pywdgvPsTBuzmWYkFMF15HDhTvN_UANzgv-b5HDhTv-b5yDkuAm3PhN-nH0vPvf3PjThTLwGujY3FMfqIZKWUA-WpvNbndqCmzuYujY1nHm1nWTsFMwVT1YkPWnkrjT3n1f1FMwd5gR1nHm1nWTsFMRqpZwYTZn-nYD-nbm-nbuBUAqMFHF7mLPbUBRzwy4-Iauv5HchpHYsnHNhuWDsnf&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=2325218&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1655&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=6&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=6728413789323799737&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **18** [程序员外包](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRc1FRPjFRfsFRmzFRfYFRckFRPDFRRzFRcsFRujFhkdpvbqnH6hUyPsUHY1PjRdPiuk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqrHuWnjbLuyc&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=2118978&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1711&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=18&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=819493750673232323&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 7. [自己建网站](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRfLFRfYFRFjFRFKFRFDFRD3FRPDFRm3FRfdFRF7FhkdpvbqPzuVmLKV5HRsn1DsFMDqmLPbUhF9pywdgvPsTBuzmWYkFMF15HDhTvN_UANzgv-b5HDhTv-b5yDkuAm3PhN-nH0vPvf3PjThTLwGujY3FMfqIZKWUA-WpvNbndqCmzuYujY1nHm1nWTsFMwVT1YkPWnkrjT3n1f1FMwd5gR1nHm1nWTsFMRqpZwYTZn-nYD-nbm-nbuBUAqMFHF7mLPbUBRzwy4-Iauv5HchpHYdnhPbPjP-nf&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=3115400&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=626&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=7&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=856073789955248857&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **19** [大数据分析](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRcYFRm1FRPKFRuDFRF7FRwDFRcLFRfvFRP7FRmvFhkdpvbqnHbhUyPsUHY1rj64nzuk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqmhRvuhfvnjb&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=468333&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=589&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=19&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=781141290276431548&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 8. [ps入门基础教](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qTZn-f16-wRc-f1n-f1R-fbc-wWb-fWf-fHD-fbf-fYn-wjD-fHThUZNopHY3FhdWTAYqPjc1P1ThTHdWTvw8mh7GuZNxmLKzFMFB5HDhTMnqniu1uyk_ugFxpyfqniu1pyfqmH7buW6vuyRknjmLuj6YPzu1IA-b5H6hIjdYTAP_pyPouyf1gv9WFMwb5HnkPWnzP10hIAd15HDvn1D3P161PjnhIZRqIHnkPWnzP10hIHdCIZwsTzR1fiRzwBRzwhF_UvT-nbNWTvw8FHF7UhNYFMmqnBuG5yw-PHbzrHFh&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=19770165&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=184&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=8&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=6097940749522668114&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) **20** [如何搭建网校](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRn3FRRLFRFKFRP7FRcYFRN7FRFDFRD3FRPDFRm3FRfsFRD1FhkdpvbqnW0hUyPsUHYLn1bkPauk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqPj9WmH0smym&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=1605233&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=1901&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=20&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=2233594917242472107&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1) 9. 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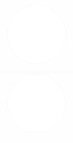
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24. [初级编程学习](https://cpro.baidu.com/cpro/ui/uijs.php?en=mywWUA71T1YsFh7sT7qGujYsFhPC5H0huAbqrauGTdq9TZ0qnauJp1YYPvf3PWTknAN-rjubuhDkFh_qFRc1FRmdFRFjFRcvFRckFRRsFRc1FRPjFRfkFRDLFRPAFRcsFhkdpvbqnWfhUyPsUHYYPH0zPauk5yP1uA4Bmy-bINqWTZchThcqniuzT1YkFMP-UAk-T-qGujYkFMPGujd9nywhrju-uHDsPWIbrjfLFMPYpyfqrauY5gwsmvkGmvV-ujPxpAnhIAfqn1Dvn1cLnauYUgnqnHm1nH6LrjnYnzuYIHddn1Dvn1cLnaud5y9YIZK1FHPKFHFAFHFAmhkEuzRzwyP1uA3-nbN8ugfhIWYzFhbqPhcdmvFWryf&amp;besl=0&amp;c=news&amp;cf=1&amp;cvrq=6058834&amp;eid_list=209988&amp;expid=200782_204509_208183_209988&amp;fr=37&amp;fv=0&amp;haacp=787&amp;img_typ=0&amp;itm=0&amp;lu_idc=yf&amp;lukid=24&amp;lus=a1df86ee1067d847&amp;lust=61447cc7&amp;luwtr=2315998988807007434&amp;mscf=0&amp;n=10&amp;nttp=1&amp;p=baidu&amp;pbs=228840&amp;sce=7&amp;sr=0&amp;ssp2=1&amp;tpl=baiduCustITagLinkUnitRankCol&amp;tsf=dtp%3A1&amp;u=%2FHulunbuir%2Farticle%2Fdetails%2F96588654&amp;uicf=lurecv&amp;urlid=0&amp;eot=1)

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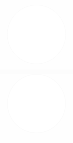
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Seven, layer reading Eight, the end



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