

Check Variable for Special Characters - VBA

<https://stackoverflow.com/questions/27614643/regex-expression-to-check-if-there-are-any-special-characters-in-string-like>

```
Sub test()

    '''Special Character Section'''
    Dim special_charArr() As String
    Dim special_char As String

    special_char = "!,@,#,$,%^,&*,+/,,\,;,:\"
    special_charArr() = Split(special_char, ",")
    '''Special Character Section'''

    char = "#"
    For Each Key In special_charArr
        special = InStr(char, Key)
        If special = 1 Then
            MsgBox char & " = #"
        End If
    Next
End Sub
```

You can use RegEx but I found the solution less robust since I wanted special use cases for individual special_chars:

```
Function IsValidName(strData As String) As Boolean
    Dim RE As Object, REMatches As Object

    Set RE = CreateObject("vbscript.regexp")
    With RE
        .MultiLine = False
        .Global = True
        .IgnoreCase = True
        .Pattern = "[^a-zA-Z0-9]"
    End With

    IsValidName = Not RE.Test(strData)
End Function
```