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{
Heikin-Ashi Paint Bars
Developed by David Laffineuse - 12/17/2007
v1.0
http://tradersguild.wordpress.com
}
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inputs: UpColor(blue),DnColor(red),CompBars(6);

vars:
    haClose(0),
    haOpen(0),
    haHigh(0),
    haLow(0),
    color(0),
    intC(0);

if BarNumber = 1 then
begin
    haOpen = open;
    haClose = (Open+High+Low+Close)/4;
    haHigh = MaxList(high, haOpen, haClose);
    haLow = MinList(low, haOpen,haClose);
end;

if BarNumber > 1 then
begin
    haClose = (Open+High+Low+Close)/4;
    haOpen = (haOpen [1] + haClose [1])/2 ;
    haHigh = MaxList(High, haOpen, haClose) ;
    haLow = MinList(Low, haOpen, haClose) ;

    if haClose > haOpen then color = UpColor
    else color = DnColor;

    for intC = 1 to CompBars
    begin
        if haOpen <= MaxList(haOpen[intC],haClose[intC]) and
        haOpen >= MinList(haOpen[intC],haClose[intC]) and
        haClose <= MaxList(haOpen[intC],haClose[intC]) and
        haClose >= MinList(haOpen[intC],haClose[intC]) then
            color = color[intC];
        end;

    plotPB(high,low,"heikin-ashi",color);
    SetPlotWidth(1,1);
    SetPlotColor(1,color);
end;
```