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```
function visualizeSamples(samples_cluster)
% visualize the samples result
#####RGB#
color_map =
[0,0,0;0,0,0.5;0,0,1;0,0.5,0;0,0.5,0.5;0,0.5,1;0,1,0;0,1,0.5;0,1,1;0.5,0,0;0.5,0,
for i = 1:5
    I = zeros(480,640,3);
    for j = 1:480
        for k = 1:640
            I(j,k,1:3) = color_map(samples_cluster(i,j,k),:);
        end
    end
    I = round(I * 255);
    figure,imshow(I);
end

#####

## visualizeSamples (line 9)
    I(j,k,1:3) = color_map(samples_cluster(i,j,k),:);
```

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