The young man's book of amusement

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To render a Blue-Coloured Liquid, perfectly Colourless

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experiment, either before or after it has been converted to red, and add a few drops of the solution of potash of soda, and upon stirring it, a fine green colour will be produced.

To convert a Colourless Liquid to a Deep Brown.

A drop of nitrate of copper let fall into a glass of water, will not produce any change on the colour of the water, but, if a crystal, or a drop of the solution of prussiate of potash be added, the water will become a dark brown colour.

To produce a deep Blue Colour, by mixing two colourless Liquids.

Let a drop of nitrate of copper fall into a glass, then fill it up with water, it will appear to have no colour, but, upon letting a drop of liquid of ammonia (which is also without colour) fall into the glass, the liquid will become of a beautiful deep blue colour.

To render a Blue-Coloured Liquid, perfectly Colourless.

Take the blue liquid produced by the last experi-

ment, and let a drop or two of nitric acid fall into it, and it will become perfectly colourless.

To make the same liquid assume various Colours.

Mix a little powdered manganese with a little nitre, and throw the mixture into a red-hot crucible, and a compound will be obtained, possessed of the singular property of different colours, according to the quantity of water that is added to it. A small quantity gives a green solution, a greater quantity changes it to blue; more still, to a purple, and a still larger quantity, to a beautiful deep purple. The last experiment may be varied by putting equal quantities of this substance into separate glasses, and pouring hot water on the one, and a portion of cold water on the other. The hot solution will have a beautiful green colour, and the cold one a deep purple.

To convert Green-Coloured Liquid to White.

Pour a little of the solution of nickel into a glass, and add to it a few drops of the infusion of galls, which will convert it to a grayish white colour. If a few drops of ammonia be added to this solution of nickel, it will convert it to a deep blue; in the course of an hour or two it will change to red, and violet; if a drop of sulphuric or nitric acid be added, it will