What are be good primary colors?

It all depends on the effect you want in the painting, for instance.

Light and delicate color: Rose Madder Genuine, Auerolin & cobalt blue.

Medium color: Permanent Rose, New Gamboge* or Indian yellow, French Ultramarine Blue

Bold Color: Permanent Alizarin crimson, Winsor yellow, Winsor Blue

Note: Winsor & Newton has changed their New Gamboge formulation so I now prefer WN Indian Yellow or Daniel Smith New Gamboge.

Because French Ultramarine Blue can vary greatly by brand; which can affect colors when blended my favorite brand of French Ultramarine Blue is Winsor & Newton.