

## CHART OF COLORANT BLENDS

While it is possible to produce clay bodies that are quite attractive by the addition of single colorants, better hues and more subtle shades of color are possible by the addition of two or more colorants that will react favorably with one another.

The following guide is given to help the potter select combinations intelligently, for not all colorants react favorably with one another.

<b>Chrome</b>	+ cobalt oxide	= blue-green	rutile	= ochre-browns with mottling			
	copper oxide	= green		vanadium	= ochre-yellows		
	ilmenite	= warm green			<b>Manganese</b> + chrome oxide	= browns (muddy)	
	iron oxide	= grayed green				cobalt oxide	= blue-purples
	manganese	= brown (muddy)				copper oxide	= brown to black
	nickel oxide	= brown				ilmenite	= spotted browns
	rutile	= warm green				iron oxide	= browns
	vanadium	= yellow-green				nickel oxide	= gray to brown
<b>Cobalt</b>	+ chrome oxide	= blue-green	rutile			= mottled browns	
	copper oxide	= blue-green	vanadium	= yellow-browns			
	ilmenite	= mat gray-blue	<b>Nickel</b>	+ chrome oxide	= browns (greenish)		
	iron oxide	= grayed blue		cobalt oxide	= gray to blue		
	manganese oxide	= blue-purple		copper oxide	= grayed greens		
	nickel oxide	= grayed blue		ilmenite	= browns		
	rutile	= warmed grayed blue		iron oxide	= browns (grayed)		
	vanadium	= grayed or ochre yellow		manganese oxide	= gray to brown		
<b>Copper</b>	+ chrome oxide	= green		rutile	= brown		
	cobalt oxide	= blue-green		vanadium	= gray to ochre-browns		
	ilmenite	= warm gray-green	<b>Rutile</b>	+ chrome oxide	= warm greens		
	iron oxide	= warm grayed greens		cobalt oxide	= warm mottled blues		
	manganese oxide	= brown to metallic black		copper oxide	= warm greens		
	nickel oxide	= grayed greens		ilmenite	= spotted browns		
	rutile	= warm mat greens		iron oxide	= ochre-browns		
	vanadium	= warm yellow-greens		manganese oxide	= mottled browns		
<b>Ilmenite</b>	+ chrome oxide	= warm green		nickel oxide	= patterned browns		
	cobalt oxide	= mat gray-blue		vanadium	= ochre-yellows		
	copper oxide	= warm gray-green	<b>Vanadium</b>	+ chrome oxide	= yellow-greens		
	iron oxide	= tan to spotted brown		cobalt oxide	= ochre-yellows		
	manganese oxide	= brown to dark brown		copper oxide	= warm yellow-greens		
	nickel oxide	= brown		ilmenite	= yellow-browns		
	rutile	= spotted browns		iron oxide	= ochre-yellows		
	vanadium	= yellow-browns		manganese oxide	= yellow-browns		
<b>Iron</b>	+ chrome oxide	= black-green		nickel oxide	= gray to ochre-browns		
	cobalt oxide	= grayed blues		rutile	= mottled ochre-yellows		
	copper oxide	= warm green, metallic greens, and black					
	ilmenite	= spotted browns					
	manganese oxide	= browns					
	nickel oxide	= grayed browns					