

Common 3D Material Parameters

Material	Property	RGBA			
Brass	ambient	0.329412	0.223529	0.027451	1
	diffuse	0.780392	0.568627	0.113725	1
	specular	0.992157	0.941176	0.807843	1
	shininess	27.8974			
Bronze	ambient	0.2125	0.1275	0.054	1
	diffuse	0.714	0.4284	0.18144	1
	specular	0.393548	0.271906	0.166721	1
	shininess	25.6			
Polished Bronze	ambient	0.25	0.148	0.06475	1
	diffuse	0.4	0.2368	0.1036	1
	specular	0.774597	0.458561	0.200621	1
	shininess	76.8			
Chrome	ambient	0.25	0.25	0.25	1
	diffuse	0.4	0.4	0.4	1
	specular	0.774597	0.774597	0.774597	1
	shininess	76.8			
Copper	ambient	0.19125	0.0735	0.0225	1
	diffuse	0.7038	0.27048	0.0828	1
	specular	0.256777	0.137622	0.086014	1
	shininess	12.8			
Polished Copper	ambient	0.2295	0.08825	0.0275	1
	diffuse	0.5508	0.2118	0.066	1
	specular	0.580594	0.223257	0.0695701	1
	shininess	51.2			
Gold	ambient	0.24725	0.1995	0.0745	1
	diffuse	0.75164	0.60648	0.22648	1
	specular	0.628281	0.555802	0.366065	1
	shininess	51.2			
Polished Gold	ambient	0.24725	0.2245	0.0645	1
	diffuse	0.34615	0.3143	0.0903	1
	specular	0.797357	0.723991	0.208006	1
	shininess	83.2			
Pewter	ambient	0.105882	0.058824	0.113725	1
	diffuse	0.427451	0.470588	0.541176	1
	specular	0.333333	0.333333	0.521569	1
	shininess	9.84615			
Silver	ambient	0.19225	0.19225	0.19225	1
	diffuse	0.50754	0.50754	0.50754	1
	specular	0.508273	0.508273	0.508273	1
	shininess	51.2			
Polished Silver	ambient	0.23125	0.23125	0.23125	1
	diffuse	0.2775	0.2775	0.2775	1
	specular	0.773911	0.773911	0.773911	1
	shininess	89.6			
Emerald	ambient	0.0215	0.1745	0.0215	0.55
	diffuse	0.07568	0.61424	0.07568	0.55
	specular	0.633	0.727811	0.633	0.55
	shininess	76.8			

Jade	ambient	0.135	0.2225	0.1575	0.95
	diffuse	0.54	0.89	0.63	0.95
	specular	0.316228	0.316228	0.316228	0.95
	shininess	12.8			
Obsidian	ambient	0.05375	0.05	0.06625	0.82
	diffuse	0.18275	0.17	0.22525	0.82
	specular	0.332741	0.328634	0.346435	0.82
	shininess	38.4			
Pearl	ambient	0.25	0.20725	0.20725	0.922
	diffuse	1	0.829	0.829	0.922
	specular	0.296648	0.296648	0.296648	0.922
	shininess	11.264			
Ruby	ambient	0.1745	0.01175	0.01175	0.55
	diffuse	0.61424	0.04136	0.04136	0.55
	specular	0.727811	0.626959	0.626959	0.55
	shininess	76.8			
Turquoise	ambient	0.1	0.18725	0.1745	0.8
	diffuse	0.396	0.74151	0.69102	0.8
	specular	0.297254	0.30829	0.306678	0.8
	shininess	12.8			
Black Plastic	ambient	0	0	0	1
	diffuse	0.01	0.01	0.01	1
	specular	0.5	0.5	0.5	1
	shininess	32			
Black Rubber	ambient	0.02	0.02	0.02	1
	diffuse	0.01	0.01	0.01	1
	specular	0.4	0.4	0.4	1
	shininess	10			

Sources: <http://www.nicoptere.net/dump/materials.html>