Abstract. We prove the following result of the second and third authors: Any homogeneous, metric ANR-continuum is a $V^*_G$-continuum provided $\dim G X = n \geq 1$ and $\check{H}^n(X; G) \neq 0$, where $G$ is a principal ideal domain. This implies that any homogeneous $n$-dimensional metric ANR-continuum is a $V^n$-continuum in the sense of Alexandroff. We also prove that any finite-dimensional homogeneous metric continuum $X$, satisfying $\check{H}^n(X; G) \neq 0$ for some group $G$ and $n \geq 1$, cannot be separated by a compactum $K$ with $\check{H}^{n-1}(K; G) = 0$ and $\dim G K \leq n - 1$. This provides a partial answer to a question of Kallipoliti-Papasoglu whether any two-dimensional homogeneous Peano continuum cannot be separated by arcs.