

## Screen Ratios

Output Resolution				TV/Silent Film 1917 4:3 (1.33:1)			HDTV 1996 16:9 (1.78:1)		VistaVision 1954 37:20 (1.85:1)			CinemaScope 1953 21:9 (2.35:1)			Anamorphic Widescreen 1953 239:100 (2.39:1)			MGM 65 1957 69:25 (2.76:1)		
Name	width	height	Aspect Ratio	Pillars	W	H	W	H	Letters	W	H	Letters	W	H	Letters	W	H	Letters	W	H
8K UHD	7680	4320	16:9	960	5760	4320	7680	4320	84	7680	4151	514	7680	3291	553	7680	3213	769	7680	2783
6K	6144	3456	16:9	768	4608	3456	6144	3456	67	6144	3321	411	6144	2633	443	6144	2571	615	6144	2226
5K	5120	2880	16:9	640	3840	2880	5120	2880	56	5120	2768	343	5120	2194	369	5120	2142	512	5120	1855
4K UHD	3840	2160	16:9	480	2880	2160	3840	2160	42	3840	2076	257	3840	1646	277	3840	1607	384	3840	1391
3K UHD	2880	1620	16:9	360	2160	1620	2880	1620	32	2880	1557	193	2880	1234	207	2880	1205	288	2880	1043
2K	2048	1152	16:9	256	1536	1152	2048	1152	22	2048	1107	137	2048	878	148	2048	857	205	2048	742
1080p	1920	1080	16:9	240	1440	1080	1920	1080	21	1920	1038	129	1920	823	138	1920	803	192	1920	696
720p	1280	720	16:9	160	960	720	1280	720	14	1280	692	86	1280	549	92	1280	536	128	1280	464

Output aspect ratio is always 16:9, no matter what resolution is used.  
 If the aspect ratio is narrower than HDTV, the final video will be pillarboxed.  
 If it's the same, no pillar/letter-boxing will be done.  
 If the video's wider, it'll be letterboxed.