

Relationship Of Chords To Scales

Major Family

Chord Type (I)	Scale Form
Major — 1 3 5 7 9	Major 1 2 3 4 5 6 7 8 ✓
Major (#4) 1 3 5 7 9 #11	Lydian 1 2 3 #4 5 6 7 8 ✓
Major (#4 #5) 1 3 #5 7 9 #11	Lydian Augmented 1 2 3 #4 #5 6 7 8 ✓
Major (b6 #9) 1 3 5 7 9 11 13	Augmented 1 #2 3 5 b6 7 1
Major 1 3 5 7 9	diminished 1 b2 b3 b4 #5 6 b7 8
Major 1 3 5 7 9	Harmonic Major 1 2 3 4 5 b6 7 8 ✓
Major 1 3 5 7 9	blues 1 b3 b4 #4 5 b7 8 ✓
Major 1 3 5 7 9	minor pentatonic 1 b3 4 5 b7 8 ✓
Major 1 3 5 7 9	Major pentatonic 1 2 3 5 6 8 ✓
	Seventh scale (Major)
	1 2 3 4 5 #5 6 7 8

minor Family

Chord Type	Scale Form
minor, tonic (I) Function	Dorian 1 2 b3 4 5 6 b7 8 ✓
	Natural minor 1 2 b3 4 5 b6 b7 8 ✓
	Phrygian 1 b2 b3 4 5 b6 b7 8 ✓
	Ascending Melodic minor
	1 2 b3 4 5 6 7 8
	Harmonic minor 1 2 b3 4 5 b6 7 8 ✓
	minor pentatonic 1 b3 4 5 b7 8 ✓
	Blues 1 b3 4 #4 5 b7 8 ✓
minor 7th (II) Function	Dorian 1 2 b3 4 5 6 b7 9 ✓
	Ascending melodic minor
	1 2 b3 4 5 6 7 8
	Harmonic minor 1 2 b3 4 5 b6 7 1 ✓
	minor Pentatonic 1 b3 4 5 b7 8 ✓
	Blues 1 b3 4 #4 5 7 8 ✓
	diminished (start with whole step) ✓
	1 2 b3 4 #4 #5 6 7 8
	Seventh scale (start on the 4th)
	1 2 3 4 5 6 b7 b7 8 ✓

Dominant Family

Chord Type	Scale Form
Dominant 7th unaltered	
1 3 5 b7 9	Mixolydian 1 2 3 4 5 6 b7 8 ✓
	Lydian Dominant 1 2 3 #4 5 6 b7 8 ✓
	Major Pentatonic 1 2 3 5 6 8 ✓
	minor Pentatonic 1 b3 4 5 b7 8 ✓
	Blues 1 b3 b4 #4 5 b7 8 ✓
	Seventh scale 1 2 3 4 5 6 b7 b7 1
Dominant 7th #11	Lydian dominant
1 3 5 b7 9 #11	1 2 3 #4 5 6 b7 8
Dominant 7th b5, #5 or both	Whole Tone 1 2 3 #4 #5 #6
1 3 b5 b7	
1 3 #5 b7	
1 3 (b5 #5) b7	

Chord Type	Scale Form
Dominant 7th (b9) 1 3 5 b7 b9	Diminished 1 b2 b3 b3 #4 5 6 b7 8
Dominant 7th #9 1 3 5 b7 #9	Diminished 1 b2 b3 b3 #4 5 b7 8 Diminished whole tone ✓ 1 b2 b3 b3 #4 #5 #6 8
Dominant 7th b9 and #9	Dorian 1 2 b3 4 5 6 b7 8 ✓ Blues 1 b3 b3 4 #4 5 b7 8 ✓ minor pentatonic 1 b3 4 5 b7 8 ✓ diminished 1 b2 b3 b3 #4 5 6 b7 8 diminished whole tone 1 b2 b3 b3 #4 #5 #6 8
Dominant 7th b5 and b9	minor pentatonic 1 b3 4 5 b7 8 ✓ Blues 1 b3 b3 4 #4 5 b7 8 ✓ diminished 1 b2 b3 b3 #4 5 6 b7 8 diminished whole tone ✓ 1 b2 b3 b3 #4 #5 #6 8 minor pentatonic 1 b3 4 5 b7 8 ✓ Blues 1 b3 b3 4 #4 5 b7 8 ✓
Dominant 7th b5 and b9 1 3 b5 b7 b9 #5 and #9 1 3 #5 b7 #9 b5 and #9 1 3 b5 b7 #9 #5 and b9 1 3 #5 b7 b9 (and/combo)	diminished scale ✓ 1 b2 b3 b3 #4 5 6 b7 8 minor pentatonic ✓ 1 b3 4 5 b7 8 Blues 1 b3 b3 4 #4 5 b7 8 ✓

Half-diminished chords

Chord Type	Scale Form
(half-diminished 7th (ø7) or	Locrian 1 b2 b3 4 b5 b6 b7 8 ✓ Locrian #2 — 1 2 b3 4 b5 b6 b7 8 Seventh scale (start on b6) 1 2 3 4 5 6 b7 b7 1
minor 7th (b5) 1 b3 b5 b7	diminished (start with whole step) 1 2 b3 4 #4 #5 6 7 8 blues 1 b3 4 #4 5 b7 8

diminished chords

diminished 7th (o7)	diminished scale (start with whole step)
1 b3 b5 6	1 2 b3 4 #4 #5 6 7 8