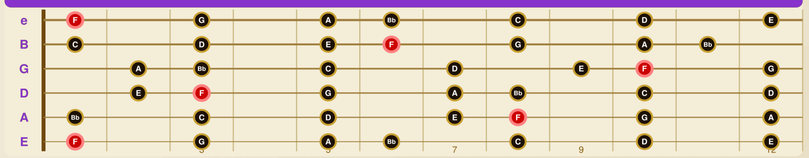
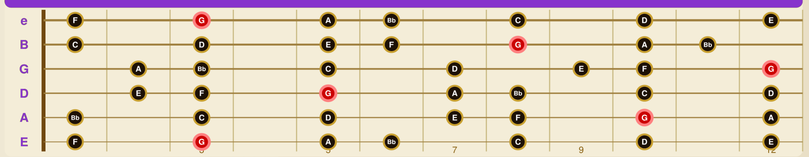
DEAD SEA SCALES

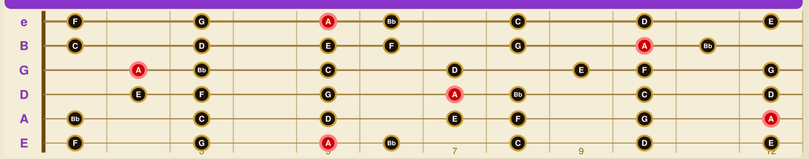
Hexatonic / Pentatonic Decoder

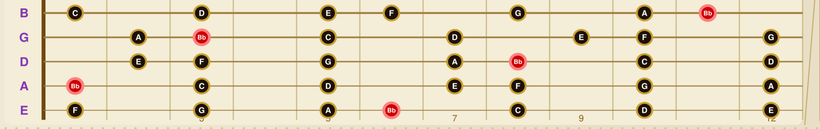
Key of F Major 7 Modal Roots Root shown in red Hatched = no standard shape (root removed)

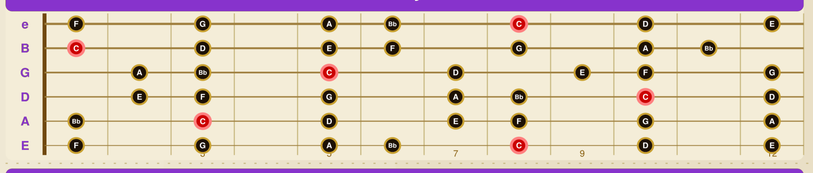
7 Diatonic Modes
All 7 scale tones

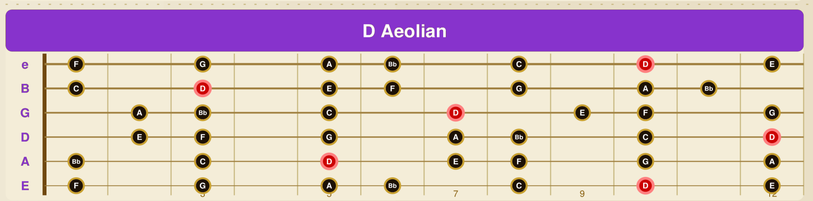
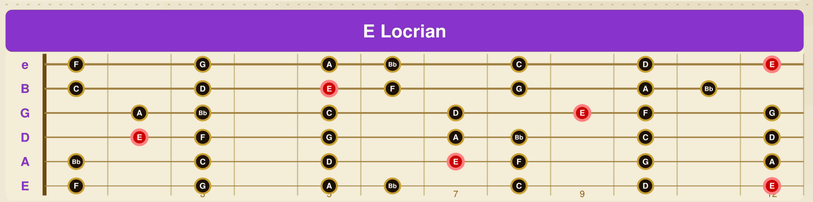
F Ionian


G Dorian


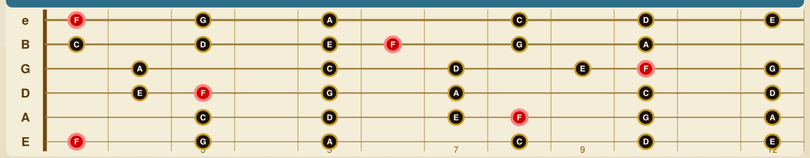
A Phrygian


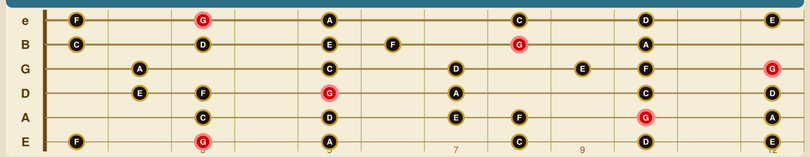
Bb Lydian


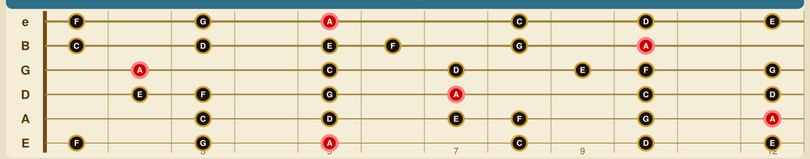
C Mixolydian


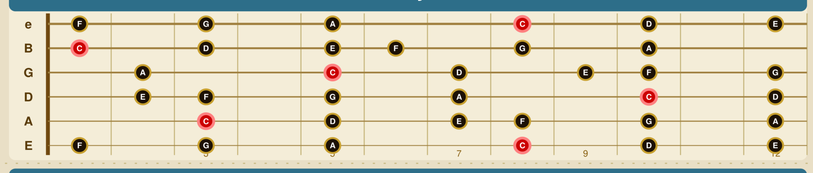
D Aeolian

E Locrian


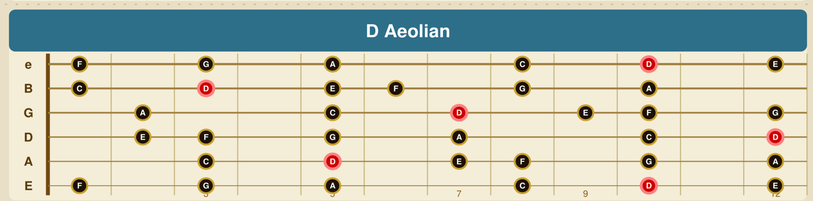
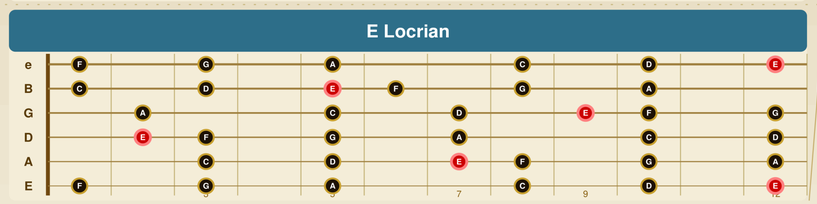
6 Hexatonic Modes
6 tones (remove Bb)

F Ionian


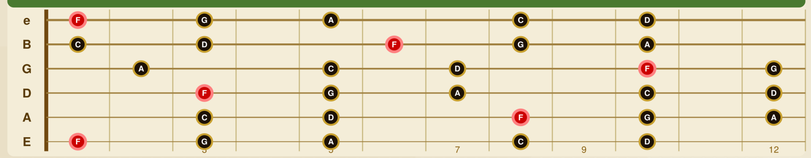
G Dorian


A Phrygian

No Standard Shape

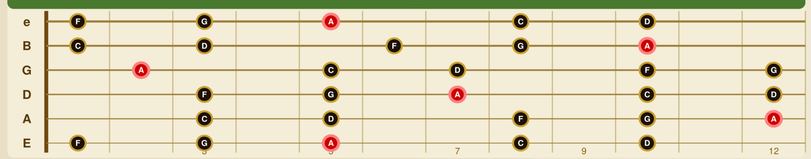
C Mixolydian


D Aeolian

E Locrian


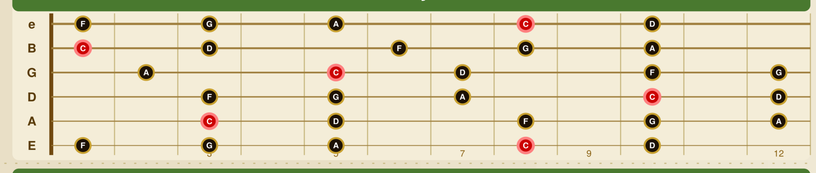
5 Pentatonic Modes
5 tones (remove Bb + E)

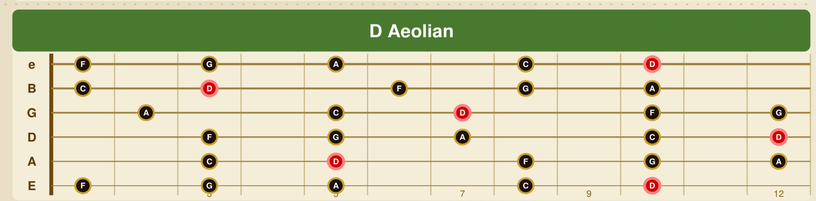
F Ionian


G Dorian

A Phrygian


No Standard Shape

C Mixolydian


D Aeolian

No Standard Shape

KEY

Diatonic: all 7 notes of F Major
Notes: F G A Bb C D E
All 7 modal shapes available

Hexatonic: 6 notes (Bb removed)
Notes: F G A C D E
Bb Lydian = blank (Bb is root)

Pentatonic: 5 notes (Bb + E removed)
Notes: F G A C D
Bb Lydian + E Locrian = blank (root removed)

Hatched cell = No standard shape for this mode
The removed note is the modal root — reduction not applicable
R = Root note