

## Diminished Theory

Diminished triad	1 b3 b5
Diminished 7 <sup>th</sup>	1 b3 b5 bb7
½ Diminished	1 b3 b5 b7 min7b5

The diminished chord is a symmetrical chord made of 3 min 3rds intervals (T1/2). It takes its name after any note in the chord. In theory there are 3 different chords each chord containing 4 notes ie 4 different inversions. The chord shape repeats every 3 frets.

### Chord inversions

**C Eb Gb A**

**Eb Gb A C**

**Gb A C Eb**

**A C Eb Gb**

If we are starting from A dim , these are the 3 different diminished chords

**A C Eb F#**

**Bb Db E G**

**B D F Ab**

### The use of the Diminished chord

- It is a chromatic harmony chord. It is used to harmonize the chromatic notes  
# 5 b 5 - # 9 b 9 - b 7

It is a passing chord between two chords that are a tone apart.

**C – C# dim / D m7 – Eb dim / E m7 / Fmaj7 – F# dim / G7 – G# dim / Am7 – Bb dim / Bm7b5**

- As a substitution for a dominate chord. I.e. **G7 or G# dim**

- Any note in a dim7th chord can be thought of as a leading note into any of 8 keys 4 major / 4 minor. It is a harmonic pivot chord.

**A dim / Bbmaj/min / C dim / Dbmaj/min / Ebdim / Emaj/min / F#dim / Gmaj/ min**