

# MAJOR and MINOR

Scale in open 1st inversion triads - upper interval = 4ths - lower = 10ths-overall = 13ths-3rd down one octave -- 12 keys - full range

The score displays 12 scales, each with a grand staff (treble and bass clefs) and a central line for chord diagrams. The scales are:

- C Major:** Chords: C, D-, E-, F 2D/3, G, A, B, C 1D/3, D, E, F, G.
- Harmonic C minor:** Chords: D<sup>b</sup>, E<sup>b</sup>, F-, G, A<sup>b</sup>, B<sup>b</sup>, C-, D<sup>b</sup>, E<sup>b</sup>, F-, G, A<sup>b</sup>.
- F Major:** Chords: F, G-, A-, B<sup>b</sup>, C, D-, E<sup>b</sup>, F, G-.
- Harmonic F minor:** Chords: C, D<sup>b</sup>, E<sup>b</sup>, F-, G<sup>b</sup>, A<sup>b</sup>, B<sup>b</sup>-, C, D<sup>b</sup>, E<sup>b</sup>, F-, G<sup>b</sup>.
- Bb Major:** Chords: Bb, C, D-, E<sup>b</sup>, F, G-.
- Harmonic Bb minor:** Chords: Bb, C, D-, E<sup>b</sup>, F, G-.
- Eb Major:** Chords: Eb, F, G, A, B, C, D-, E<sup>b</sup>, F, G-.
- Harmonic Eb minor:** Chords: Eb, F, G, A, B, C, D-, E<sup>b</sup>, F, G-.
- Ab Major:** Chords: Ab, Bb, C, D-, E<sup>b</sup>, F, G-.
- Harmonic Ab minor:** Chords: Ab, Bb, C, D-, E<sup>b</sup>, F, G-.
- G Major:** Chords: G, A, B, C, D, E, F, G.
- Harmonic G minor:** Chords: G, A, B, C, D, E, F, G.

Additional notes and variations:

- Bb:** "same fingers to 'D'" 2D/3
- Ab:** "No 4th Finger"
- Harmonic G minor:** "No 1st Finger", "same up to 'D'"

Open 1st inversions Major and Minor

**D<sup>b</sup>**  
 1 2 3 4 2D/3 2 4 4 2D/3 1D/3 2 4 3 4 4

**Harmonic C<sup>♯</sup>m**  
 3 4 3 4 4 3 2 3 4 3 2 4 3 2 3 4  
**Enharmonic D<sup>b</sup> B<sup>♯</sup>**  
 1 1 1 1 2 1 1 1 1 1 1 1 2

**G<sup>b</sup>**  
 1 2 3 4 3 4 3 4 2 2 2 2 1D/3 4 4 3 2 4

**Harmonic F<sup>♯</sup>m**  
 3 3 4 3 4 2 3 3 2 3 4 3 4 3 4  
**Enharmonic G<sup>b</sup> E<sup>♯</sup>**  
 1 1 1 1 1 1 1 1 1 1 1 1 2

**B**  
 3 4 3 3 4 1 3 2 3 4 2 4 4

**Melodic Bm**  
 4 3 4 3 4 3 4 3 4 1 3 2 2 2 4  
**G<sup>♯</sup>**  
 1 1 1 1 1 1 1 1 1 1 1 1 1  
**A<sup>♯</sup>**

**E**  
 3 3 4 3 4 2 4 3 4 3 4 3 4 4

**Melodic Em**  
 3 4 3 4 4 3 2 2 2 4 3 2 4 3 4  
**C<sup>♯</sup>**  
 1 1 1 2 2 1 1 1 1 1 1 1 2  
**D<sup>♯</sup>**

**A**  
 3 4 4 3 3 2 4 4 4 3 3 3 3 3

**Melodic Am**  
 2 4 3 4 4 3 4 3 2 3 3 4 4 3 4  
**F<sup>♯</sup>**  
 1 1 1 2 2 1 1 1 1 1 1 1 2  
**G<sup>♯</sup>**

## A Reminder...

Chords containing voice motion usually require a different type of fingering than those without motion --

For this reason many varied fingerings and positions are shown - some are awkward some are smooth - they all have a purpose.

The fingerings for voice motion when applied to block harmony are sometimes quite awkward -- And the smooth fingerings for block chords apply only occasionally (certain stations) for voice motion - becoming familiar with mixtures of both is very necessary ---

Practise the difficult, and the easy almost takes care of itself --

### Scale in open 1st inversion triads - Major and Minor - *Continued*

The image shows musical notation for two scales: D major and G major, each in open 1st inversion triads. Each scale is presented in two parts: a standard scale and a 'Melodic' version. Fingerings are indicated by numbers 1-4 above or below notes. Chord diagrams are shown below the notes, with numbers 1-4 indicating finger positions on the strings. The D major scale is in the key of D major (two sharps), and the G major scale is in the key of G major (one sharp). The 'Melodic' versions show different fingerings for the same notes, often using the same fingering as the standard scale but with different voicings.

The examples below show a little bit of the vast potential of the past studies - they also explain the reasons for some of the different fingerings employed - each fingering has a purpose

G Scales were chosen only because of being last - place in all keys

The image shows musical notation for G major and G minor scales in open 1st inversion triads. Each scale is presented in two parts: a standard scale and a 'Harmonic' version. Fingerings are indicated by numbers 1-4 above or below notes. Chord diagrams are shown below the notes, with numbers 1-4 indicating finger positions on the strings. The G major scale is in the key of G major (one sharp), and the G minor scale is in the key of G minor (two flats). The 'Harmonic' versions show different fingerings for the same notes, often using the same fingering as the standard scale but with different voicings.