



UkeFarm

Universal Key

The chart below shows the relationship between the major scale (DO - RE - MI - FA - SO - LA - TI - DO), and the chromatic scale. which divides the octave into twelve half-steps. By using a number for each tone of the major scale (DO=1, RE=2, MI=3, etc.) a universal key of numbers is created, with which musical relationships learned in one key can easily be applied to all keys. For example, the C major scale (C-D-E-F-G-A-B-C) and the A major scale (A-B-C#-D-E-F#-G#-A) can be written as 1-2-3-4-5-6-7-1. Non-major tones can also be written as numbers (Eb in the key of A would be b5).

Tones which are second octave extentions are listed in parentheses. Equivalent tones in the first octave can be found easily by subtracting seven (Since 8 = 1, then 9 = 2, #11 = #4, etc.).

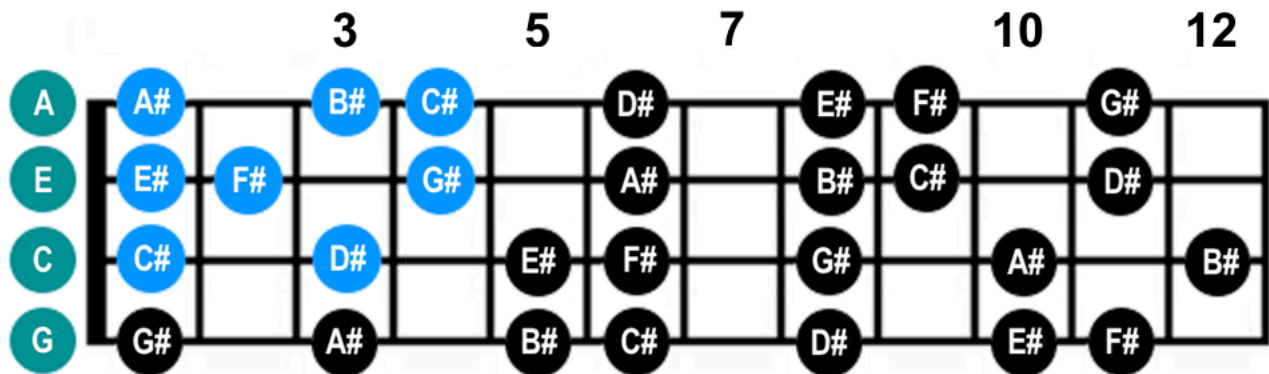
| DO | - | RE | - | MI | FA | - | SO | - | LA | - | TI | DO |
|----------|------|----------|------|----------|----------|-------|----------|----|----------|----|----------|----------|
| | (b9) | (9) | (#9) | | (11) | (#11) | | | (13) | | | (8) |
| 1 | b2 | 2 | #2 | 3 | 4 | #4 | 5 | #5 | 6 | b7 | 7 | 1 |
| | | | b3 | | | b5 | | b6 | | | | |
| I | | II | | III | IV | | V | | VI | | VII | I |
| A | - | B | - | C# | D | - | E | - | F# | - | G# | A |



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C# Scale

| | | | | | | | |
|----|----|-----|----|----|----|-----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1 |
| C# | D# | E# | F# | G# | A# | B# | C# |
| I | II | III | IV | V | VI | VII | I |



Chord Group: C#

| | I | II | III | IV | V | VI | VII | V7 |
|-------|---------|------------|---------|---------|---------|---------|------------|----------|
| Major | C# | D#m | E#m | F# | G#m | A#m | B#dim7 | G#7 |
| Minor | A#m | B#dim7 | C# | D#m | E#m | F# | G#m | E#m7 |



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| | | | | | | | |
|----|----|-----|----|----|----|-----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1 |
| C# | D# | E# | F# | G# | A# | B# | C# |
| I | II | III | IV | V | VI | VII | I |

| Chord | Formula | Notes |
|---------|---------------------|------------------------|
| C# | 1 - 3 - 5 | C# - E# - G# |
| C#m | 1 - b3 - 5 | C# - E - G# |
| C#7 | 1 - 3 - 5 - b7 | C# - E# - G# - B |
| C#m7 | 1 - b3 - 5 - b7 | C# - E - G# - B |
| C# maj7 | 1 - 3 - 5 - 7 | C# - E# - G# - B# |
| C# aug | 1 - 3 - #5 | C# - E# - A |
| C# dim7 | 1 - b3 - b5 - bb7 | C# - E - G - A# |
| C#7 sus | 1 - 4 - 5 - b7 | C# - F# - G# - B |
| C# sus2 | 1 - 2 - 5 | C# - D# - G# |
| C# sus4 | 1 - 4 - 5 | C# - F# - G# |
| C#6 | 1 - 3 - 5 - 6 | C# - E# - G# - A# |
| C#m6 | 1 - b3 - 5 - 6 | C# - E - G# - A# |
| C#6/9 | 1 - 3 - 5 - 6 - 9 | C# - E# - G# - A# - D# |
| C#7b5 | 1 - 3 - b5 - b7 | C# - E# - G - B |
| C#m7b5 | 1 - b3 - b5 - b7 | C# - E - G - B |
| C#9 | 1 - 3 - 5 - b7 - 9 | C# - E - G - Bb - D |
| C#m9 | 1 - b3 - 5 - b7 - 9 | C# - E# - G# - B - D# |