

# Scales with Sharp and Flat Key Signatures

Source: Wikipedia, [https://en.wikipedia.org/wiki/Key\\_signature](https://en.wikipedia.org/wiki/Key_signature)

## Scales with sharp key signatures

Sharp key signatures consist of a number of sharps between one and seven, applied in this order: F C G D A E B. A mnemonic device often used to remember this is "Father Charles Goes Down And Ends Battle", or Father Christmas gave dad an electric blanket. The key note or tonic of a piece in a major key is immediately above the last sharp in the signature. For example, one sharp (F#) in the key signature of a piece in a major key indicates the key of G major, the next note above F#. (Six sharps, the last one being E# (an enharmonic spelling of F#) indicate the key of F# major, since F has already been sharped in the key signature.)

Major key	Number of sharps	Sharp notes	Minor key	Enharmonic equivalent
C major	0		A minor	None
G major	1	F#	E minor	None
D major	2	F#, C#	B minor	None
A major	3	F#, C#, G#	F# minor	None
E major	4	F#, C#, G#, D#	C# minor	None
B major	5	F#, C#, G#, D#, A#	G# minor	Cb major/Ab minor
F# major	6	F#, C#, G#, D#, A#, E#	D# minor	Gb major/Eb minor
C# major	7	F#, C#, G#, D#, A#, E#, B#	A# minor	Db major/Bb minor

## Scales with flat key signatures

"Flat key signatures" consist of one to seven flats, applied as: B E A D G C F. The mnemonic device is then reversed for use in the flat keys: "Battle Ends And Down Goes Charles' Father", or "Blanket exploded and dad got cold feet. The major scale with one flat is F major. In all other "flat major scales", the tonic or key note of a piece in a major key is four notes below the last flat, which is the same as the second-to-last flat in the signature. In the major key with four flats (B $\flat$  E $\flat$  A $\flat$  D $\flat$ ), for example, the penultimate flat is A $\flat$ , indicating a key of A $\flat$  major.

Major key	Number of flats	Flat notes	Minor key	Enharmonic equivalent
C major	0		A minor	None
F major	1	B $\flat$	D minor	None
B $\flat$ major	2	B $\flat$ , E $\flat$	G minor	None
E $\flat$ major	3	B $\flat$ , E $\flat$ , A $\flat$	C minor	None
A $\flat$ major	4	B $\flat$ , E $\flat$ , A $\flat$ , D $\flat$	F minor	None
D $\flat$ major	5	B $\flat$ , E $\flat$ , A $\flat$ , D $\flat$ , G $\flat$	B $\flat$ minor	C $\sharp$ major/A $\sharp$ minor
G $\flat$ major	6	B $\flat$ , E $\flat$ , A $\flat$ , D $\flat$ , G $\flat$ , C $\flat$	E $\flat$ minor	F $\sharp$ major/D $\sharp$ minor
C $\flat$ major	7	B $\flat$ , E $\flat$ , A $\flat$ , D $\flat$ , G $\flat$ , C $\flat$ , F $\flat$	A $\flat$ minor	B major/G $\sharp$ minor