Get Windows 10 Store Apps without switching your Local User Account to a Microsoft Account.

You can still log in to your Microsoft account for just the Store without switching to a full Microsoft account.
The process, however, is not terribly obvious.
To do so, follow these steps:

1. Launch the Store from your Start menu.

2. Click the user icon on the left side of the search box. (half circle with a full circle on top).
3. Click "Sign In" from the menu that appears.
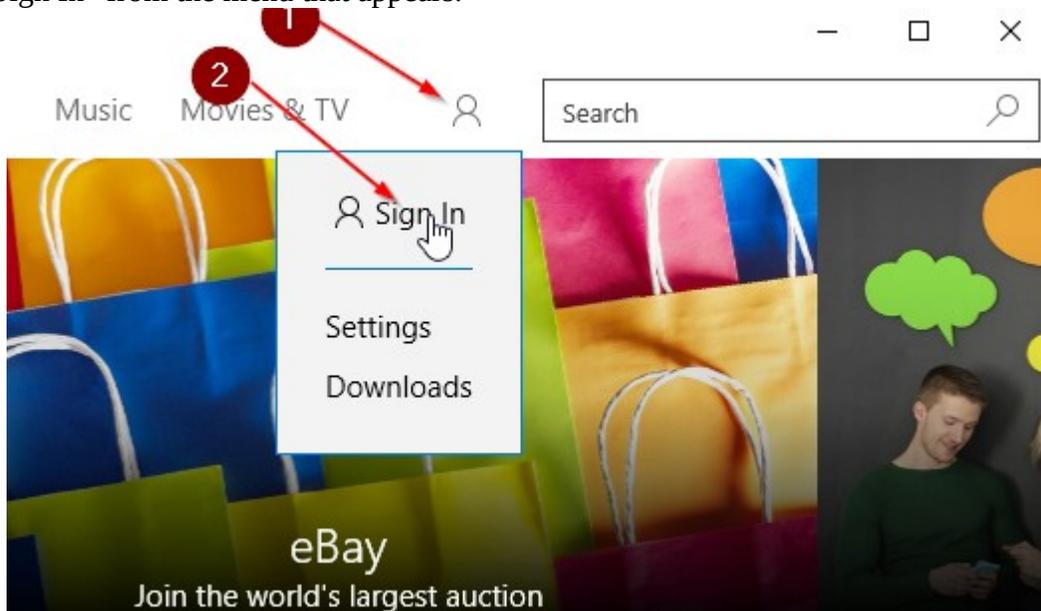
4. Choose "Microsoft account" and log in like normal.
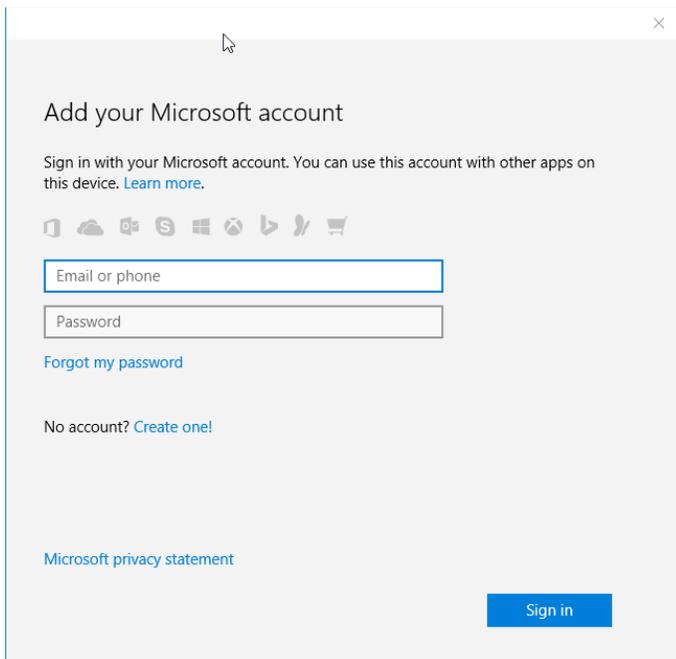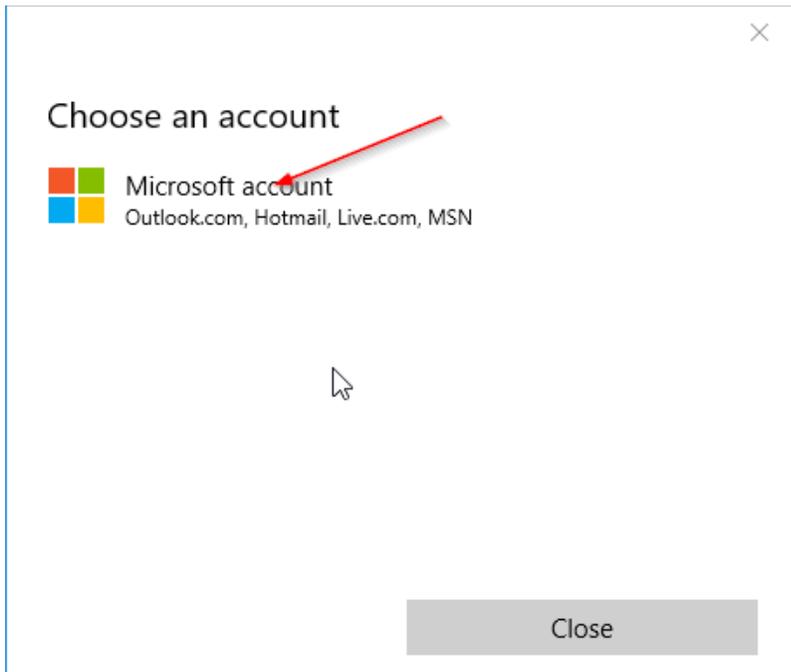
Be careful here...

5. When the "Make it yours" box appears DO NOT enter your password. Instead, click "Sign in to just this app instead."
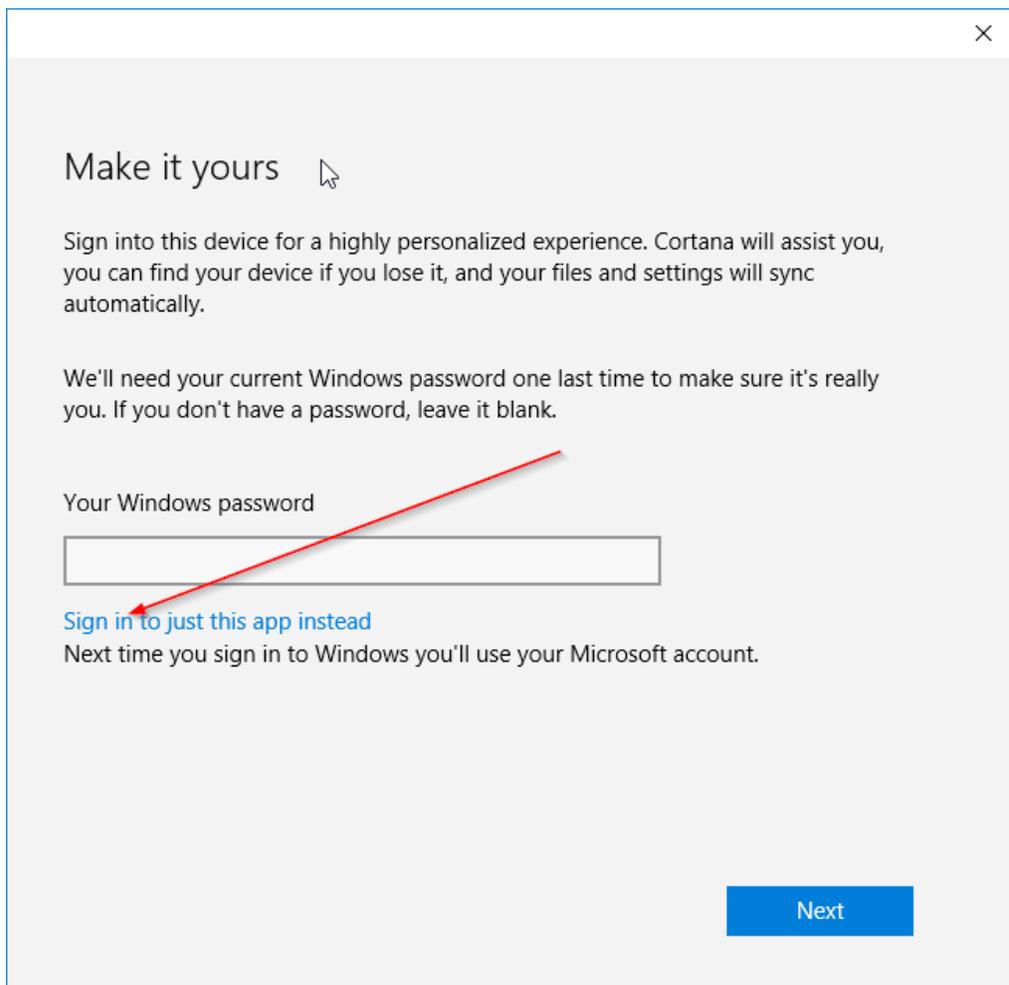
Note: You may miss this option entirely if you attempt to install apps directly without signing in first.