

Difference between Public IP and Private IP

Public IP Address	Private IP Address
<i>External (global) reach</i>	<i>Internal (local) reach</i>
<i>Used for communicating outside your private network, over the internet</i>	<i>Used for communicating within your private network, with other devices in your home or office</i>
<i>A unique numeric code never reused by other devices</i>	<i>A non-unique numeric code that may be reused by other devices in other private networks</i>
<i>Found by Googling: "What is my IP address?"</i>	<i>Found via your device's internal settings</i>
<i>Assigned and controlled by your internet service provider</i>	<i>Assigned to your specific device within a private network</i>
<i>Not free, Any number not included in the reserved private IP address range Example: 8.8.8.8.</i>	<i>Free, 10.0.0.0 — 10.255.255.255; 172.16.0.0 — 172.31.255.255; 192.168.0.0 — 192.168.255.255 Example: 10.11.12.13</i>